

## Product datasheet for SC322665

### ZNF561 (NM\_152289) Human Untagged Clone

#### Product data:

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| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Name:             | ZNF561 (NM_152289) Human Untagged Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag:                      | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Symbol:                   | ZNF561                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Vector:                   | pCMV6-AC (PS100020)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fully Sequenced ORF:      | <p>&gt;OriGene sequence for SC322665</p> <pre> CCACGCGTCCGCTGGCTCCTCTCCGTCACTGCGGTTTCGCCTTTATGGTGGTGGAGTCTG CCCAGGCTGTGGACCGCAAATAACCTGTACAAAGAGGAATGGAGATTGCCTCTATCCAC CTAGATTCATAAGCTGGCTGAGGTGATCTTGGCATCAAGGAAGGGATGCACATCATCAC ACCATCAGCTTCAGAGAATGGCAGCCATTTATTTGTCCCGTGGGTTTTTCCAGGGAAC CAATCTGCCCTTTTGAAGAAAAGACAAAGGTAGAAAGGATGGTGGAGGACTACCTGGCAA GTGGTTATCAGGATTCAGTGACGTTTGATGATGTGGCTGTGGACTTCACCCAGAGGAGT GGGCTTTACTGGACACAACCTGAGAAATACCTCTACAGAGATGTGATGCTGGAGAACTACA TGAACCTGGCCTCTGTGGAATGGGAAATACAACCTAGAACCAACGGTCATCACTTCAGC AGGGTTTTTTGAAGAATCAAATATTCAGTGGGATACAAATGACAAGAGGCTACAGTGGAT GGAACTCTGTGACTGTAAGAATTGTGGAGAGGCTTTCAGGGAACAGTTTTGCCTTAAGA CACACATGAGAGTTCAGAATGGAGGGAATCTTCTGAGGGTAATTGTTATGGAAAAGACA CCCTCAGTGTGCACAAGGAAGCCTCTACTGGACAGGAACTTTCCAAATTAATCCATGTG GAAAAGTCTTTACTCTAACTCCAGGTCTTGCTGTACATCTTGAAGTTCTCAATGCAAGAC AACCTACAAATGTAAGGAATGTGGAAAAGGCTTTAAGTATTTTGAAGCCTTGATAATC ATATGGGAATCCACACTGATGAGAACTCTGTGAATTTTCAAGGAATATGGGAGAGCTGTCA CAGCTTCTTCACACCTAAAGCAGTGTGTAGCAGTTCATACAGGAAAGAAATCCAAAAGA CTAAGAAATGTGGGAAATCCTTCACTAATTTTCTCACTTTATGCACCTGTGAAAACCTC ATAAAGGAGAGAAGTCCTTTGAATGTAAAGAATGTGGAAGATCCTTTAGAAATTCCTCAT GCCTTAATGATCACATTCAAATTCACACTGGAATAAACACACAAAGTGTACTTACTGTG GGAAAGCCTTCACTAGATCAACTCACTTACTGAACATGTAAGAACTCACACTGGAATAA AACCTATGAATGTAAGGAATGTGGCCAAGCCTTTGCTCAGTACTCGGGCCTTTCTATAC ACATACGAAGTCACAGTGGAAAGAAACCTATCAGTGTAAAGGAATGTGGGAAAGCCTTCA CTACATCCACAAGTCTTATTCAGCATACAAGAATTCACACAGGAGAGAAGCCTTATGAAT GTGTTGAATGTGGGAAGACCTTCATTACTTCTCCCGTCGTAGTAAACATTTGAAAACCTC ATAGTGGAGAAAAGCCCTTTGTATGCAAGATATGTGGGAAAGCATTCTATATTCCTCAC GCCTTAATGTTTACCTGCGAACTCATACCGGAGAGAAAACCTTCGTATGTAAGAAATGTG GGAAAGCATTTGCTGTTTCTCTCACGCCTAAGTAGACATGAAAGAATTCACACTGGGGAGA AACCTATGAATGCAAGGATATGAGTGTTACCATTTAGCCCATCGGTTGCCATCTTTAAT </pre> |


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TATTGGCAATGACACCAAGATTATCAGATTTGTCTAAATGCCTTTTGGAGGTTGTAAT  
 GACTCATGGATTGGCCTTAGATACCATCCTGAGGGTCTGAAATTAACCTACAGGTTCTG  
 AATACAACATCATGGTTGCCTGAGTCTGGGCATCTGTGAAGAAGGGTCATGGATGGTGAG  
 GTCAGTACTGCAGGCTGCCTCACCTTGGTGATTAGATTCCTAAGATCATAGCATTAAACA  
 GTTGTGTATGAGATAAATCATGCAGATTGACCCAGCCCTGTTGGTTAGTGGCTGCCAG  
 TGTGGCACATTTATGTCAAAATTTACCAGAAGCCAAGATGATGTAGGACCCCAAAGGTGG  
 GTTGTTAAGAGATGCTCCTCCAAGGGTCTCTTCTGATCCACGGATCCTGCAGAGCGTGT  
 CAGGAATGAAACCATCCATAACTGCCAGTGCCCTTTCACAGCTGATTATTTCTGTGTCCC  
 CTTGTAATAATCTAAGAAGTGTGACAGCCTTGCCTGTTCTGCCTTGATGTCTATTTTAGA  
 TGGCACAATGTAAGTGGCAATGTCTCTTCTAGTATAATCCAGTCTCTCTTCTCACTTCTG  
 TCAAGGTGGCTGATATAGTCCATGAATCCCACTCATGATCTCTTATCAGATGATCGTTC  
 AGCCACACTTTGAGGATTCTCTTCAGTACAAGTTTTCTAATTTTTGCATTATGGATAGGC  
 TGAGAATTTTCCAAATCTCCAAGTTCTGGTTCCTTTTCTTAAACATTTTTTCTGCAAT  
 TCAGGTCTCCTTTGCATTTTTGCTGAGACCAGCTGGGTATGGAGACCCTGACCCAGCA  
 GCTCTAGAGGAATTAAGACAAAGACACAGAAATAGAGTGCAGAGTGGGAATCGGGGCTCA  
 CAGCCTTCAGAGCTGAGAGCCTTGAACAGAGTTTGACCCACATATTTATTGACAGTAAGC  
 CTGTGATAAACATTATTTCTATAGATTATAGATTAGCTAAAAGTATTCCTTACAAGAAAG  
 AAAGGGACAGGCTCTGGCTTGTATCTGCAACAGGAACATGTCCTTAAGGCACAAATCAC  
 TCATGGTATTGTTTGTGGTTTAGGAATGCCTGAGCAGTTTTCCAGTTTTCCACCGTGGGT  
 GGGCCAGGTGTTCTTGCCTCATTGCGGTAAACCAGCAACCTCCAGCATGGGTGTCATA  
 GCCATCACGAGCATGTACAGTGCCGCAGAGATTTGTTTATGGGCAGTTTCTCATGGCC  
 TGTTTATGTCCAAATTTGGGGGGCCTGTTCTGAGCACATTTTCTGTAAGCACTCAGGAA  
 GAATGAAGCTTCTGTGTCCTTTAACACTTTAAGTACAGATCTTAGTGATACATAACCAG  
 TTTTATCTCTCAAGCTCTACCTTCCGCAAAGTGCTAGAATACAGTTCTGCCAAGTTCT  
 TCACTACTTCGTATCAAGGGTTGTATTTCTTTATTTCCCAATAGCATGTTCTCATTCC  
 CCAATGACACCTCACCAGGATCACCTTACCAACCTTACTTCCAGCTTGACATCAGAAT  
 TTTTCCAGCCTCATTTGTCAGTTTCAAATCTGCTTCACATTTTTAGTTTTTTGTTGTT  
 TGTTTTTAATCTGCCTTAATGAGCTCAGGCCACTATCACAAAATACCACAGACCAAATGG  
 CTTACAAATTTGTTAATTTTAAATAAATGAGGTTAAAAACAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM\_152289
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_152289.1, NP_689502.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 4557 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1254 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 93134                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u>Q8N587</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 19p13.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Domains:</b>               | KRAB, zf-C2H2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Summary:</b>          | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                           |