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Product datasheet for SC100563

ZNF561 (NM_152289) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF561 (NM_152289) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF561
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

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Fully Sequenced ORF:

>OriGene ORF within SC100563 sequence for NM_152289 edited (data generated by NextGen Sequencing)

ATGGCAGCCATTTATTTGTCCCGTGGGTTTTTTTCCAGGGAACCAATCTGCCCTTTTGAA
GAAAAGACAAAGGTAGAAAGGATGGTGGAGGACTACCTGGCAAGTGGTTATCAGGATTCA
GTGACGTTTGATGATGTGGCTGTGGACTTCACCCCAGAGGAGTGGGCTTTACTGGACACA
ACTGAGAAATACCTCTACAGAGATGTGATGCTGGAGAACTACATGAACCTGGCCTCTGTG
GAATGGGAAATACAACCTAGAACCAAACGGTCATCACTTCAGCAGGGTTTTTTGAAGAAT
CAAATATTCAGTGGGATACAAATGACAAGAGGCTACAGTGGATGGAAACTCTGTGACTGT
AAGAATTGTGGAGAGGTCTTCAGGGAACAGTTTTGCCTTAAGACACACATGAGAGTTCAG
AATGGAGGGAATACTTCTGAGGGTAATTGTTATGGAAAAGACACCCTCAGTGTGCACAAG
GAAGCCTCTACTGGACAGGAACTTTCCAAATTTAATCCATGTGGAAAAGTCTTTACTCTA
ACTCCAGGTCTTGCTGTACATCTTGAAGTTCTCAATGCAAGACAACCCTACAAATGTAAG
GAATGTGGAAAAGGCTTTAAGTATTTTGCAAGCCTTGATAATCATATGGGAATCCACACT
GATGAGAAACTCTGTGAATTTCAGGAATATGGGAGAGCTGTCACAGCTTCTTCACACCTA
AAGCAGTGTGTAGCAGTTCATACAGGAAAGAAATCCAAAAAGACTAAGAAATGTGGGAAA
TCCTTCACTAATTTTTCTCAACTTTATGCACCTGTGAAAACTCATAAAGGAGAGAAGTCC
TTTGAATGTAAAGAATGTGGAAGATCCTTTAGAAATTCCTCATGCCTTAATGATCACATT
CAAATTCACACTGGAATAAAACCACACAAGTGTACTTACTGTGGGAAAGCCTTCACTAGA
TCAACTCAACTTACTGAACATGTAAGAACTCACACTGGAATAAAACCCTATGAATGTAAG
GAATGTGGCCAAGCCTTTGCTCAGTACTCGGGCCTTTCTATACACATACGAAGTCACAGT
GGAAAGAAACCCTATCAGTGTAAGGAATGTGGGAAAGCCTTCACTACATCCACAAGTCTT
ATTCAGCATACAAGAATTCACACAGGAGAGAAGCCTTATGAATGTGTTGAATGTGGGAAG
ACCTTCATTACTTCTTCCCGTCGTAGTAAACATTTGAAAACTCATAGTGGAGAAAAGCCC
TTTGTATGCAAGATATGTGGGAAAGCATTTCTATATTCCTCACGCCTTAATGTTCACCTG
CGAACTCATACCGGAGAGAAACCCTTCGTATGTAAAGAATGTGGGAAAGCATTTGCTGTT
TCCTCACGCCTAAGTAGACATGAAAGAATTCACACTGGGGAGAAACCCTATGAATGCAAG
GATATGAGTGTTACCATTTAG

Clone variation with respect to NM_152289.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152289 unedited

GCAAAATTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGTCTGCCCA
GGCTGTGGACCGCAAATAACCCTGTACAAAGAGGAATGGAGATTGCCTCTATCCACCTAG
ATTCATAAGCTGGCCTGAGGTGATCTTGGCATCAAGGAAGGGATGCACATCATCACACCA
TCAGCTTCAGAGAATGGCAGCCATTTATTTGTCCCGTGGGTTTTTTTCCAGGGAACCAAT
CTGCCCTTTTGAAGAAAAGACAAAGGTAGAAAGGATGGTGGAGGACTACCTGGCAAGTGG
TTATCAGGATTCAGTGACGTTTGATGATGTGGCTGTGGACTTCACCCCAGAGGAGTGGGC
TTTACTGGACACAACTGAGAAATACCTCTACAGAGATGTGATGCTGGAGAACTACATGAA
CCTGGCCTCTGTGGAATGGGAAATACAACCTAGAACCAAACGGTCATCACTTCAGCAGGG
TTTTTTGAAGAATCAAATATTCAGTGGGATACAAATGACAAGAGGCTACAGTGGATGGAA
ACTCTGTGACTGTAAGAATTGTGGAGAGGTCTTCAGGGAACAGTTTTGCCTTAAGACACA
CATGAGAGTTCAGAATGGAGGGAATACTTCTGAGGGTAATTGTTATGGAAAAGACACCCT
CAGTGTGCACAAGGAAGCCTCTACTGGACAGGAACTTTCCAAATNTAATCCATGTGGAAA
AGTCTNTACTCTAACTCCAGGTCTTGCTGTACATCTTGAAGTTCTCAATGCAAGACAACC
CTANCAAATGTAGGAAATGTGAAAANGCTCTAAGTATTTTGCAAGCCTTGATAATCATAT
GGGAATCCACACTGATGAGAAACTCTGTGAAATTCAGGATATGGGAGAGCTGTACAGCTT
CTCACACCTAAGCATGTGTAGCAGTCTACAGGAAGAAATCAAAGACTAGAATGTGGAAAT
CTCACTATTT

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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152289 unedited
GCCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTAGTGAAGAACTTGGC
AGAACTGTATTCTAGCACTTTGCGGAAGGTAGAGCTTGAGAGAGATAAAACTGGTTATGT
ATCACTAAGATCTGTACTTAAAGTGTTAAAGGACACAGGAAGCTTCATTCTTCCTGAGTG
CTTACAGGAAAATGTGCTCAGAACAGGCCCCCCAAATTTGGACATAAACAGGCCATGAGA
AACTGCCCATAAACAAAATCTCTGCGGCACTGTGACATGCTCGTGATGGCTATGACACCC
ATGCTGGAGGTTGCTGGTTTACCCGAATGAGGGCAAGGAACACCTGGCCCACCCACGGTG
GAAAACTGGAAAACTGCTCAGGCATTCCTAAACCACAAACAATACCATGAGTGATTTGTG
CCTTAAGGACATGTTCCTGTTGCAGATAACAAGCCAGAGCCTGTCCCTTTCTTTCTTGTA
AGGAATACTTTTAGCTAATCTATAATCTATAGAAATAATGTTTATCACAGGCTTACTGTC
AATAAATATGTGGGTCAAACTCTGTTCAAGGCTCTCAGCTCTGAAGGCTGTGAGCCCCGA
TTCCCACTCTGCACTCTATTTCTGTGTCTTTGTCTTAATTCCTCTAGAGCTGCTGGGTCA
GGGTCTCCATGACCCAGCTGGTCTCAGCAAANATGCAAAAGGAGACCTGAATTGCAGAAA
AATTTGTAANGAAAAAGGACCAGACTTGGAGATTGNAAAATCTCAGCCTATCCATATGCA
AAAATTAGAAACTTGTACTGAAGAGAATCTCAAGTGTGGCTGACGATCATCTGATAAGNA
ATCATGAGTGGGATCATGGACTTATCAGCCACCTGACAGAGTGAGAGAGGACTGGATATC
TANAGAACTTTGCACTACTTGTGCATCTAAATAAATACAAGCAGACAGCAAGCTGTCCAC
TCTAGATTTACAGGGACCAGAATATCACTTGGAGG

Restriction Sites: NotI-NotI

ACCN: NM_152289

Insert Size: 3300 bp

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).

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).

Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: NM_152289.1, NP_689502.1

RefSeq Size: 4557 bp

RefSeq ORF: 1254 bp

Locus ID: 93134

UniProt ID: Q8N587

Cytogenetics: 19p13.2

Domains: KRAB, zf-C2H2

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Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

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