

Product datasheet for **SC325072**

ZNF566 (NM_001145345) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZNF566 (NM_001145345) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF566 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC325072 representing NM_001145345. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCAGGAGTCAGTGATGTTTCAGTGATGTGTCCGTAGACTTCTCTCAGGAGGAGTGGGAATGCCTG
AATGATGATCAGAGAGATTTATACAGAGATGTGATGTTGGAGAATTACAGCAACCTGGTTCAATGGGG
CATTCTATTTCTAAACCAATGTGATCTCCTACTTGGAGCAAGGGAAGGACCCCTGGTTGGCTGACAGA
GAGCTAACAGAGGCCAGTGGCCAGTCTGGAATCAAGATGTGAGACCAAGAAATTTTCTGAAGAAA
GAAATTTATGAAATAGAATCAACCCAGTGGGAAATAATGGAAAACTCACAAGACGTGATTTTCAGTGC
TCCAGTTTCAGAGATGATTGGGAATGTAATCGGCAGTTTAAGAAAGAAGTCCGGCTCTCAGGGGGACAT
TTCAATCAATTGGTATTCACTCATGAAGATCTGCCCACTTTGAGTCAACCATCCATCCTTCACATTACAG
CAAATCATTAAACAGTAAAAAGAAATTTCTGTGCATCTAAAGAATATAGGAAAACCTTTAGACATGGCTCA
CAGTTTGCTACACATGAGATAATTCATACCATTGAGAAGCCTTATGAATGTAAGGAATGTGGAAAGTCC
TTTAGACATCCCTCAAGACTCACTCATCATCAGAAAATTCATACTGGCAAGAAACCTTTGAATGTAAG
GAATGTGGAAAAACCTTTATTTGTGGCTCAGACCTTACTCGACATCAGAGAATTCACACTGGTGAGAAA
CCCTATGAATGTAAGGAATGTGGAAAGCCTTTAGTAGTGGTTCAAACCTCACTCGACATCAGAGAATT
CACACAGGTGAGAAGCCTTATGAATGCAAAGAATGCGGGAAGCCTTTAGTAGTGGCTCAAACCTTACT
CAACATCAGAGAATTCATACTGGGAAAAACCTATGAATGTAAGGAATGTGGCAATGCCTTTAGTCAG
AGCTCACAACTTATTAACATCAAAGAATCCATACAGGTGAGAAACCTTACGAATGTAAGGAATGTGAA
AAGGCTTTTCTGTTCTGGCTCAGACCTTACTAGACATCAGAGAATTCATACTGGGGAGAAACCTATGAA
TGTAAGATATGTGGGAAGCCTTATTCTCAGAGTTCACAGCTTATTAGTCATCATAGAATTCATACTAGT
GAGAAACCTATGAATATAGGAATGTGGAAAGAAGTAAATATGACCCACAACCTATTCAGCATCAA
AATTTGTACTGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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|-------------------------------|---|
| ACCN: | NM_001145345 |
| Insert Size: | 1257 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). |
| 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). |
| Reconstitution Method: | <ol style="list-style-type: none"> 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: | <u>NM_001145345.1</u> |
| RefSeq Size: | 5262 bp |
| RefSeq ORF: | 1257 bp |
| Locus ID: | 84924 |
| UniProt ID: | <u>Q969W8</u> |
| Cytogenetics: | 19q13.12 |
| Protein Families: | Transcription Factors |
| MW: | 49.2 kDa |
| Gene Summary: | <p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |