

Product datasheet for **SC102058**

ZNF566 (NM_032838) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF566 (NM_032838) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF566
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032838, the custom clone sequence may differ by one or more nucleotides

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ATGGCTCAGGAGTCAGTGATGTTTCAGTGATGTGTCCGTAGACTTCTCTCAGGAGGAGTGGGAATGCCTGA
ATGATGATCAGAGAGATTTATACAGAGATGTGATGTTGGAGAATTACAGCAACCTGGTTTCAATGGGGCA
TTCTATTTCTAAACCAATGTGATCTCCTACTTGGAGCAAGGGAAGGAGCCCTGGTTGGCTGACAGAGAG
CTAACAAGAGGCCAGTGGCCAGTCTGGAATCAAGATGTGAGACCAAGAAATTTTCTGAAGAAAGAAA
TTTATGAAATAGAATCAACCCAGTGGGAAATAATGGAAAACTCACAAGACGTGATTTTCAGTGCCTCCAG
TTTCAGAGATGATTGGGAATGTAATCGGCAGTTTAAGAAAAGAACTCGGCTCTCAGGGGGGACATTTCAAT
CAATTGGTATTCCTCATGAAGATCTGCCACTTTGAGTCACCATCCATCCTTCACATTACAGCAAATCA
TTAACAGTAAAAAGAAATTTCTGTGCATCTAAAGAATATAGGAAAACCTTTAGACATGGCTCACAGTTTGC
TACACATGAGATAATTCATACCATTGAGAAGCCTTATGAATGTAAGGAATGTGGAAAGTCCTTTAGACAT
CCCTCAAGACTCACTCATCATCAGAAAATTCATACTGGCAAGAAACCTTTGAATGTAAGGAATGTGGAA
AAACCTTTATTTGTGGCTCAGACCTTACTCGACATCACAGAATTCACACTGGTGAGAAACCTATGAATG
TAAGGAATGTGGGAAAGCCTTTAGTAGTGGTTCAAACCTCACTCGACATCAGAGAATTCACACAGGTGAG
AAGCCTTATGAATGCAAAGAATGCGGGAAGGCCTTTAGTAGTGGCTCAAACCTTACTCAACATCAGAGAA
TTCATACTGGGAAAAACCTATGAATGTAAGGAATGTGGCAATGCCTTTAGTCAGAGCTCACAACCTAT
TAAACATCAAAGAATCCATACAGGTGAGAAACCTTACGAATGTAAGGAATGTGAAAAGGCTTTTCGTTCT
GGCTCAGACCTTACTAGACATCAGAGAATTCATACTGGGAGAAAACCTATGAATGTAAGATATGTGGGA
AGGCTTATTCTCAGAGTTCACAGCTTATTAGTCATCATAGAATTCATACTAGTGAGAAAACCTATGAATA
TAGGGAATGTGGAAAGAAGCTTTAATTATGACCCACAACCTATTTCAGCATCAAAATTTGTACTGGTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032838 unedited
 GGTAGAATTGTAACGACTTATATAGGCGGCCGCGNAATTCGCACGAGGGGAGGGTTCTG
 CTGCTTCGAAAGCTGGTAAGGCCTGAGCTCTACCCCTTCTCCAAAAGAAGACCAAGAGAA
 GGTCTTTTCTACAAATATCAGAGCCATGGCTCAGGAGTCAGTGATGTTTCAGTGATGTGT
 CCGTAGACTTCTCTCAGGAGGAGTGGGAATGCCTGAATGATGATCAGAGAGATTTATACA
 GAGATGTGATGTTGGAGAATTACAGCAACCTGGTTTCAATGGGGCATTCTATTTCTAAAC
 CAAATGTGATCTCTACTTGGAGCAAGGGAAGGAGCCCTGGTTGGCTGACAGAGAGCTAA
 CAAGAGGCCAGTGGCCAGTCCTGGAATCAAGATGTGAGACCAAGAAATTTTCTGAAGA
 AAGAAATTTATGAAATAGAATCAACCCAGTGGGAAATAATGAAAAAACTCACAAGACGTG
 ATTTTCAGTGCTCCAGTTTCAGAGATGATTGGGAATGTAATCGGCAGTTTAAAGAAAGAAC
 TCGGCTCTCAGGGGGGACATTTCAATCAATTGGTATTCATCATGAAGATCTGCCCACTT
 TGAGTCACCATCCATCCTTACATTACAGCAAATCATTAAACGTAAGAAAGAAATTTCTGTG
 CATCTAAAGAATATAGGAAAACCTTTAGACATGGCTCACAGTTTGCTACACATGAGATAA
 TTCATACCATTGAGAAGCCTTATGAATGTAAGGAATGTGGAAAGTCTTTAGACATCCCT
 CAAGACTCACTCATCATCAGAAAATCATACTGGCAAGAAACCTTTGAAATGTAGGAATG
 TGGNAAAACCTNNTATTGTGGCTCAGACCTTACTCGACATCACAGAATCACACTGGTGAG
 AAACCCTATGATGTAAGATATGTGGAAGCTATTCTCAGAGTCACAGCTATAGTCTCATA
 AATTCTACTGTGAGAAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032838 unedited
 GTACTTTAGNACCGCGCCGCAATTCNANGANCGGATTTTTTTTTTTTTTTTAAATAGTCT
 CATTCTGTGCTCAAGGCTGAGTGCCATGGCGCGACCTTGGCTCACTGCAACCTCCACCT
 CCTGCATTCAAGTGATTTCTCCTGCCTCAGCCTCCCAGCAGCCGGGATTACAGGCATGTG
 CCACCAGCCTGGCTAAGTTTTGTATTTTTGAGTAAAAATGGGGTTTCAACATGTTGGCC
 AGGCTGGTCTCAAGCTCCTGGCCTCAAATGATCCTTCCATCTCAGCCTCCCAAAGTGCTG
 GGATTACAGGCGCGAGCCAAGATGTGACTTCTATATACTGAAATAGTTCCTTGAACAT
 TTGATAAAGTTTTCTTAGAAAGAACTGGATTTGGTGTTCATTAGTAATAGTTAACTG
 ATCACATGCTAATTTTTCCCTGTCTCTGTGTTATGAGAGTCTTTGAAGAGTCTAATT
 TTCTTGGAGTCAATATTGATGTATTTTTCTTAAAAACCATTTTGTAAATTTTCAA
 CATATTAGAAAAAGCATAATATTCAACAGAACCTTTAAATCTGTAACATGTTTCTAT
 CTCTGTCCATTTTTAAATATGATGCTGTTTCTTTTCTACTTTTTTCTCATTAGT
 GCACCAATATTTTGTATGTTCTTTTTCTTTTTTACTGGGTATATAATGCGACAAAAA
 GAGTATTAGTCGGAATAAAGTCCTTACACACATTATTACAGTACTTTCCCCCAACA
 CCTAGGATATTTTCAATAGTAAGTACATGATGATGGGAAATTTCTTAACCTGT
 ACCTTCAAAGGTCTTTCTTCAAGTCAAACACCTGCCTAAAGTGACTAAATTCTGCAGAGT
 TAAAAAGCCTTTTCAAAATAATACTGA

Restriction Sites:

NotI-NotI

ACCN:

NM_032838

Insert Size:

3630 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_032838.2](#), [NP_116227.1](#)

RefSeq Size: 2643 bp

RefSeq ORF: 1257 bp

Locus ID: 84924

UniProt ID: [Q969W8](#)

Cytogenetics: 19q13.12

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. 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.