

Product datasheet for **SC321931**

ZNF558 (NM_144693) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF558 (NM_144693) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF558
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

```

>OriGene sequence for NM_144693.1
GAGCGCTGCGGGATAAAGGAGGAGCGTCCCTGCTTCCC GGCTGCCCTGTTGCTGTCGGAGT
CACAGGATGGCGGCTGTCATCCTGCCCTCGACTGCTGCTCCGCTTCCCTGTTCCAGCC
TCTCAGCAAAAAGGACACACAGGGCGGAGAGCTGGTTAATGAGCTCCTGACAAGCTGG
CTACGGGGCTTGGTAACCTTCGAGGATGTGGCCGTGGAGTTCACCCAGGAGGAGTGGGCG
TTGCTGGACCTGCCCAAAGGACACTGTACAGGGATGTGATGCTGGAGAACTGCAGGAAC
CTGGCCTCACTAGGGTGTCTGTTAATAAACCCAGTCTGATATCCCAGTTGGAACAAGAC
AAGAAGGTGGTGACAGAGGAAAGAGGAATTCTACCAAGCACCTGTCCAGATTTGGAGACT
CTACTTAAAGCCAAATGGTTAACTCCTAAGAAGAATGTTTTAGAAAAGAACAGTCTAAA
GGTGTA AAAACGAAAGAAGTCACTCGTGGAGTGA AACTCAATGAATGTAATCAGTGT TTT
AAAGTCTTCAGCACGAAATCTAACCTAACTCAGCACAAGAGAATTCATACTGGAGAAAA
CCCTATGACTGTAGTCAATGTGGGAAGTCTTCAGTAGCAGATCTTACCTTACTATTCAT
AAGAGAATCCATAATGGGGAGAAACCCTATGAATGCAATCACTGTGGGAAAGCATTAGT
GATCCCTCATCCCTTAGACTGCATTTGAGAATTCACACTGGAGAAAAACCCTATGAATGT
AACCAGTGT TTTTACGTTTTCCGCACCAGTTGT AACCTCAAAGCCACAAGAGGATTCAC
ACGGGGGAGAATCACCATGAATGTAATCAGTGTGAAAAGCTTTTACGACAAAGTCTCT
CTCACTGGGCACAATAGCATTATACAGGGGAGAAACCTTATGAATGTCACGATTGTGGG
AAAACCTTCAGGAAGAGCTCCTATCTGACACAGCACGTAAGA ACTCATACTGGAGAAAA
CCCTATGAATGT AACGAGTGTGGGAAATCCTTCAGCAGTAGCTTTTCTCTTACTGTGCAC
AAGAGAATACATACCGGAGAGAAACCCTACGAGTGCAGTACTGTGAAAAGCCTTAAAT
AATCTCTCAGCTGTGAAGAAACACTTAAGA ACTCACACTGGAGAAAAACCCTATGAATGT
AATCATTGTGGGAAATCCTTCACAAGTAACTCCTATCTTTCTGTGCACAAGAGAATACAT
AATAGATGGATATGAATTA CTGCAGGAACTTCTGGAGGAAAGCACTCATTGATCTTTT CAT
CCCTAAGATAGTTTGAGAGAGCTCACACTGGATATATAAGTTATTTGTTGCAGCATAACA
AATGATCCCCGCAAATTTTGTGGCTTCAAACACGAAATGTTTATTCTCTAACAATTTCTA
CAGATCAGGAATCAAGAACAGCTTATCTCTGTAGTTACTACTGCAGGATCTCTCATGCCT
TTACTTACAATCAAGATGTCAGCCAAAGCTATAGTCATCTAACATCTTTACTGATGAACA
GTCCACTTCCAAGATGACTTATTCACATGCCTGGAAAGTTGATGTTGGTTGTTGCAGGG
GACCTTCAGTCATTACCATGTAGGCCTCTTTACAAGGCCAGCTCCTTGACAATTTGGCA
ATAAGTTCTCGCCAAGGTTAGTGATCCAAGAGAGGACCAATACAGAGGCCAAAATGGCTT
TTATGACCTATCCTCAGGAGACTGCTAAGCTTTCACTTATTTCTATTGTGTTGGTCTC
ACAACACACCAATCCTGATACAATGTGAGAGACTGCAGAAGGTATGAATACCAGGAAACA
GATAACTCAGAAGCATCTGGGAAATTTGCCATGGAATTAATGAAGAAAAGCCCTCAGCAC
ATCATCCTTCTACTCTAATCAATATGAAATAGCATT CAGTAACTCCTATTAATCACTCT
GAAGAGAAACCTTTTGGAGCAAATCTGTATGGTAAAGCTCTCAGCTCGAATTTTCACCTT
CATGGGCCCAGAAGATTATGACTGAGAGAATCCTGAAGAATGGAACAGCTGTAGAAAGC
CTTCAGTGCTATCAGCAGGGATTCATGTGACAGCTCACACTAAGGGAGAAAACCTGTGAA
GGTCTCAGAAGGCTTCAGTGACAGTCA TCCCTAAGACACACTGGAAATCACACAATGGA
ACAACACTCAGAAATGCGGAATACCCTACAGCAAAGTGTTCACATTACTGAGCAAAC TA
TAGTGTGGTATTCTGCAGTGACTATGGGAAAGCCTTGAATGTTCTATCGGTTTTTAAGGG
ACTTGAGAATTAATTTCTGGAGAGAATGCCCCATTGAACATCATCAATATTGGAGAGCTTT
CTGTTTTTCTACATTTGTTAGGAAACTTGTGAGCATT CACACTACAGAGAAACTTGAAAT
ATAAAGAAGAAGAGAAAGCCTTCAGTGATGCCTCTGTGTTAGGGAAAATATGGA ACTTCT
CCCTGGATGCAAAACCTATGAGTATATTAATATTGAAAATTTTTT CAGTGATTCTTCTCT
TTCTTGATATGAGAGAACTTATATGGAGAAACCCTAGGAATGTAATCAGTGTTAGGAT
GCCTCAGCCTGAACTCTTCACTGAGTGGCCACAATTTTCACTGGGAACAAAAAGTATAAT
CACTGTTTTGAGTGTGGGATATCCTTTATCAGTGTCTCATCTGTAGATTGGACTGCTGGC
TCATTAATTTTTTTAGTCTTTTTTCTTTTAATAATAAACATTTGTGTATAGCTGTTCCCT
AAAATAAACATTAACATATTTTATAATTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AA
    
```

Restriction Sites:

Please inquire

ACCN:	NM_144693
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_144693.1</u> , <u>NP_653294.1</u>
RefSeq Size:	3014 bp
RefSeq ORF:	1209 bp
Locus ID:	148156
UniProt ID:	<u>Q96NG5</u>
Cytogenetics:	19p13.2
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>