

Product datasheet for **SC110594**

ZNF398 (NM_020781) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF398 (NM_020781) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF398
Synonyms:	P51; P71; ZER6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020781, the custom clone sequence may differ by one or more nucleotides

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ATGAAGGGCAACTACGAGTCTCTCATCTCCATGGATTATGCTATAAATCAACCTGATGTCTTATCTCAGA
TTCAACCAGAAGGGGAACATAATACAGAGGACCAGGCAGGGCCAGAGGAAAGTGAGATCCCACAGACCC
CAGTGAAGAGCCTGGTATTTCAACATCAGATATTCTGTCTTGGATTAACAAGAAGAAGAGCCTCAGGTT
GGGGCCCCACCGAGTCCAAGGAGAGTGACGTGTACAAAAGCACTTATGCTGATGAAGAGCTTGTCAATCA
AAGCTGAAGGCCTTGCTAGATCCTCGTTGTGCCCTGAGGTTCCAGTCCCTTTCTCTTCTCCACCAGCAGC
AGCAAAGGATGCTTTTTAGATGTGGCTTTCAAAGCCAGCAGTCTACATCCATGACACCTTTTGGACGT
CCAGCCACTGACCTGCCTGAAGCCTCTGAGGGACAAGTGACTTTTACTCAGTTGGGTAGCTATCCCCTCC
CACCTCCAGTTGGCGAGCAGGTGTTCTCATGCCACCACTGTGGCAAGAATCTCAGCCAAGACATGTTGCT
GACCCACCAATGTAGCCATGCTACTGAGCACCCCTTACCCTGTGCCCAAGTGCCTAAGCACTTTACTCCA
CAGGCGGACCTCAGCAGCACCTCCCAGGACCATGCCAGCGAGACACCCCCACCTGCCACACTGTGCCA
GGACTTTTACTCACCCATCAAGACTTACCTACCATCTTCGGGTCCATAACAGCACTGAGCGTCTTTCCC
CTGTCTGATTGCCCAAGCGCTTTGCTGACCAGGCTCGACTCACCAGCCACCGGAGAGCTCATGCAAGC
GAAAGGCCCTTCCGCTGTGCCAGTGGCGCAGGAGCTTCAAGTGAATAACAGCTCCTGCTCCACCAGC
GGGGTCATGCACAAGAGCGCCCTTTCTCCTGCCCTCAGTGTGGCATTGACTTCAACGGCCACTCGGCCCT
GATCCGCCACCAGATGATCCACACAGGCGAGCGTCTTACCCTGCACTGACTGAGTAAAGAGCTCATG
CGCAAGGAGCACCTGCTGAACCACCGCGGCTGCACACAGGCGAGCGGCCCTTCAAGTGTCTCACTGTG
GCAAGAGCTTCATCCGCAAGCACCACTAATGAAACACCAGCGCATCCACACCGGGGAGCGGCCCTACCC
CTGCTCTACTGTGGCAGGAGCTTCCGCTACAAACAGACACTCAAGGACCACCTCCGTTCAAGCCACAAT
GGAGGCTGTGGGGTGATAGTGACCCATCAGGTCAGCCACCCAACCCACCAGGTCCTCATAACTGGGC
TTGAAACTTCTGGCCTGGGTGTCAACACTGAAGGTCTAGAGACCAACCAGTGGTATGGGGAAGGAGTGG
AGGGGAGTTTTGTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020781 unedited ACGAGGTCGGCCTCGCGACCCCAGCTTGATCCGCCGCTGCTGCACCGCGCCTCCGCCCG GTTCTGCGCGTCCCGAGCCCCGACGGCCGCGTGAGTCCCGTCCGTGCGGGGAAGGCAGG GCCGGGTGCGCGCCGCTGTGGAGAGGACCCGGCGGCCGGCCTGCTTGGAGCCGGGCGC GGTGGCAGCGGCGCAGCGGCGGCGACTCCGAGGCCCGGCTAGACAGCGCAGGGCCAT GGCTGAGGCGGCCCGGCCCGACATCTGAATGGGACTCCGAGTGCCTTACATCCCTGCA GCCCTTCTCTTCTACACCCCAGCAGCAAATGAGGCACACCTGCAGACAGCAGCTAT CTCTCTGTGGACAGTGGTGGCCCGCTGCAGGCTATAGAGAGGAAGGTGGAGATCCACAG CCGGCGACTCCTACACCTAGAAGTTCGGACAGGGACAGCAGAGAAGAACTAGCCAGCTG TGAAAAGACAGTTACCGAGCTTGGGAACCAGCTGGAGGGCAAGTGGGCCGTGCTGGGAAC CCTGCTGCAGGAGTACGGGCTGCTGCAGAGGCGGCTGGAGAAGTGGAGAACCTGCTGCG CAACAGGAAGTCTGGATCCTGCGGCTCCCTCCAGGTATTAAGGGAGATATCCCAAAGGT GCCTGTGGCATTGATGATGTCTCCATCTACTTTTTCACTNCAGAGTGGGAAAAATTANA AAGAATGGCAAAAAGGAAGTACAAGAATATCATGAAGGGCAACTACGAGTCTCTCATC TCCATGGATTATGCTATAAATCAACCTGATGTCTTATTTTAAAAATCAACCAGAA
Restriction Sites:	NotI-NotI
ACCN:	NM_020781
Insert Size:	4700 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:	<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:	NM_020781.2 , NP_065832.1
RefSeq Size:	5493 bp
RefSeq ORF:	1416 bp
Locus ID:	57541
UniProt ID:	Q8TD17
Cytogenetics:	7q36.1
Domains:	KRAB, zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

This gene encodes a member of the Kruppel family of C2H2-type zinc-finger transcription factor proteins. The encoded protein acts as a transcriptional activator. Two transcript variants encoding distinct isoforms have been identified for this gene. Other transcript variants have been described, but their full length sequence has not been determined. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2), also known as p52-ZER6, contains an additional segment in the coding region compared to variant 1. The resulting isoform (b) has a shorter N-terminal, compared to isoform a. Transcription of transcript variant 2 is repressed by estrogen receptor alpha. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of this RefSeq transcript. The extent of this transcript is supported by transcript alignments.