

Product datasheet for **SC126984**

ZNF638 (AK098006) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF638 (AK098006) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF638
Synonyms:	NP220; ZFML; Zfp638
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK098006, the custom clone sequence may differ by one or more nucleotides

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CATTTCAGGAGGACAGTCAGTCCTTGAACCCATAAAATCCGTCAACCAATCCATTAACCAAACAGTTAGC
CAGACAATGAGTCAATCTCTGATTCCTCCATCTATGAACCAGCAACCTTTTCGTCGGAATTAATTTTCAT
CTGTAAGCCAGCAAGAGCGGATCCACATGAACCTGTGATTAATTCATCTAACGTACATGTTGGATCAAG
AGGAAGTAAAAAGAATTACCAAGTCACAGGCTGACATTCCCATTCGGTCTCCCTTTGGTATTGTGAAAGCA
TCCTGGCTACCAAAGTTTTACATGCTGATGCCAGAAGATGAAGAGACTTCCAACCTCCTCTATGATGA
ATGATTATTATGCAGCATCTCCAAGAATATTTCCACATTTGTGTTCTCTGTGAACGTAGAATGTAGTCA
TTTGAAGGTGAGTGTTTTAAAAAAGATCACTGTATAATGATGCTCAGCGCCAGTTTTCTCTAAATTTCT
GATATGTATGCTGCTTGTAACTAGGCGTTAAGGAAATGGCAGAAGGTAATTTAATTGCAACCTCAATA
CATAGTTGTAATCTTAAGTAGCCCTGGCCTTAGTACTGAATTGAATTTTAGGCTTACTGTATTCCTATGA
CCGGGCACACCATATTTAGTAGTGTGCCATTTATTTTGAACCTTTAGTTATCCCACTTACGCAACATA
AAATTTATGTAAACATAAGCTGCGTACTTACAAGACAATGCACATGGAATCACCTTTCTCTAAAAGGATC
TGTTAGTATAAAAATACAAAGAGATGGTATAACCCATTTGTAATGCACACATTTAAGAGACAGTATATTA
TAGCCTTGACATATACACCTGTCTGGGATAAAGACAATTAATGTTGATTTAAATATTTCTGACTTTA
TGTAAGTACTAGTGATTTTTAGTATTTTTGAGAAGAAGCTTTCTAAATAAAGTTTATAGCAAAAAAAGTC
AAGGTGCAGTAATTATTTCTGGGACCAGCTGTGGACTCAGAAAAAGTGTAAGTATAGTAAATTTGTAGA
GAAAAATCTTTAAAAAATAAGATGATTTAGGTAGTTTGTAGTATAGTTAGAAGGAAGTATTTGCAGA
GGCAGTGAAGTGACTATAATGTAGAACATACTGTTGAGTCGTAATCATTGGTAGATTGAGCAGGAATT
TCCAAGTAAATTTATTTACTTACGTATGGTTGGCAATCACTGTTTCTTCTATTTACTAATGTGATTTAT
AGATTTAGATTGTAAGGGTCAGAAGAGAATATACTAACATGGGAAAAAGCTTTGATTCAAGGCCATGGC
CGGAATTGGTTGTATACTTAGGCTTAAAAATCTGTGTGTTAACGCTCTTGTTCTTTTCTCCAGTGCTG
CCTTTTCGATTTTCTTTTATTATTTACTCACTAGGTTTTCGTCAACATGAATCTGATAATTAGATCTGTT
GGTATTTTCTAAGGTAACTCCAGCAAAAGAAAGCAGCATTCTACCCCATTTTAGCCAGATGTGCCAAA
TTCTATTAATAAATAGTTGCCTTATTCATCAGAAGGGATAGCAAGTCCTTACAAGGGAAAGCTTAG
AATAATTCATATCACCTAATTGTAATCTGTAAGTAGCCCTGGCCTAAGTAGTGAATTGAGTGTGTTGCTG
TATTCCTGTGACTGGGCATACCACATAATTTTTTTAATTGATTTTGAACCTTTAATTAATCATAATGAA
TCCAAGAAAAATACATCTTTAAATAAAGAACTTGAAGTTTTGTATTCTGTAGAGTAGAAAAGGTGTACATT
TAATTTAGTATGTACTTATGGATATCAGTTTTGTACTTGACTCCAATTAGGTACTGGGGCAGAAATGAGG
AACTGTGTAAAAATTTAGATGTTATTAAGCAGTTTATTAGTCTTATTGGGGAGAAAAATTATGCTCCCA
AGACATTTAAACAATTAGAAGACAACAAGTGGTTTTGTGATTGATTTAACTTGTGTTGGATATGCTGTAG
GGGACAGAGATTTCTGTCTTGATTTTCAAGCATGTATCACTCAGGCCAGCATCAATTTACCAATTTAA
TCATTACCAATTTGCCAATTTAATTATTTTAACTATCGTATTTGTAAACAGTATGTGTTAAAAATAAGTA
TAAATATGCATCCTGACATCAAAAGACTTTTATAGCCTAGTTAGACTAATGGAATGTGAGTTACTAAATG
CACTAAGTCTGTCTTGACTAGAAATGATGTGGGAGAGAAGACTTCATGGAGTAGGTTGAAGATGGGTCTTG
AATTGAGGCTTTAGATATGCCTGTATAAAGAGGAGGAGGGGGCCGGGCACAGTGGCTCACTGCCTGTAAT
CCCAGCACTTTGGGAGGCGGAGACAGGTGGATCACCTGAGGTGAGGAGTTCAAGACCACCTTACTGACA
TGGTGAATCCTGTCTCTACTAAAAATACAAGAATTAGCCGGGTGTGGTCATGCGCACCTGTAATCCAG
CTACTCAGGAGGCTGAGGCAGAGAATCGCTTGAGCCAGGAGGCAGAAGTTGCAGTGAGCCGAGATCGC
GCCGCTGCACTCCAGCCTGGGTGACAGAGCGAGACTCCATCTCAAAAAAAT

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5' Read Nucleotide Sequence:	>OriGene 5' read for AK098006 unedited <pre> GAATTTGTAATACGACTCACTATAGGGCGGCNCGGAATCGGCACGAGGCTCAGTTGAGA GTGGAACCAAGATGTCAGGCTTACACATTTAGGAGGACAGTCAGTCCTTGAACCCATAA AATCCGTCAACCAATCCATTAACCAAACAGTTAGCCAGACAATGAGTCAATCTCTGATT CTCCATCTATGAACCAGCAACCTTTTCGTCGGAATTAATTTTCATCTGTAAGCCAGCAAG AGCGGATCCCACATGAACCTGTGATTAATTCATCTAACGTACATGTTGGATCAAGAGGAA GTAAAAAGAATTACCAAGTCACAGGCTGACATTCCTTCGTCCTCTTGGTATTGTGA AAGCATCCTGGCTACCAAGTTTTTCACATGCTGATGCCAGAGATGAAGAGACTTCCAA CTCCTTCTATGATGAATGATTATTATGCAGCATCTCCAAGAATATTTCCACATTTGTGT CTCTGTGAACGTAGAATGTAGTCATTTGAAGGTGAGTGTTTTTAAAAAAGATCACTGT ATAATGATGCTCAGCGCCAGTTTCTCTAAATTCTGATATGTATGCTGCTTGTAACTAG GCGTTAAGGAAATGGCAGAAGGTAATTTTAATTGCAACCTCAATACATAGTTGTAATCTT AAGTAGCCCTGGCCTTAGTACTGAATTGAATTNTAGGCTTACTGTATTCCTATGACCGGG CACACCATATTTAGTAGTGTGCCATTTATTTTGAACCTTTAGTTATCCCACTTACGCA CATANAATTATGTACATAAGCTGCGTACTTACAAGACATGNCACATGGAATCACCTTCTC TAAAGGATCTGNTAGTATAAAATACAAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK098006
Insert Size:	2800 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:	AK098006.1
RefSeq Size:	2642 bp
RefSeq ORF:	2642 bp
Locus ID:	27332
Cytogenetics:	2p13.3-p13.2

Gene Summary:

The protein encoded by this gene is a nucleoplasmic protein. It binds cytidine-rich sequences in double-stranded DNA. This protein has three types of domains: MH1, MH2 (repeated three times) and MH3. It is associated with packaging, transferring, or processing transcripts. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008]