

Product datasheet for **SC125985**

ZNF598 (NM_178167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF598 (NM_178167) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF598
Synonyms:	HEL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_178167 edited

GCCGGATCCCGGACCATGGCGGCGGGGGGCGCCGAGGGGCGGCGCGGCCCTGGAG
GCGGCGGCGGCGGCAGCTCCTGAGCGGGGAGGCGGGAGCTGCGTGCTGTGCTGCGGAGAC
CTGGAGGCCACGGCGCTGGGCGCTGCGACCAACCGGTGTGCTACCGCTGCTCTACCAAG
ATGCGGGTGCTCTGCGAGCAGCGTACTGCGCCGTGTGCCGCGAGGAGCTGCGCCAGGTG
GTCTTTGGGAAGAAGCTTCTGCCTTTGCCACCATCCCCATCCACCAGCTGCAGCATGAG
AAGAAATATGATATCTACTTTGCAGATGGAAGGTGTACGCATTGTACAGGCAGCTGCTG
CAGCACGAGTGCCCGGGTGCCCGAGCTGCCACCTTTACGCCTCTTCGGGGACCTGGAG
CAGCACATGCGGAGGCAGCATGAGCTCTTCTGCTGCCGTCTGTGCCTCCAGCACCTCCAG
ATCTTCACATATGAGCGAAGTGGTACTCGCGCAAGGACCTGGCCCGGCATCGCATGCAG
GGTGACCCGATGACACGTCGCACCGTGGGCACCCGCTCTGCAAGTTCTGTGACGAGCGC
TACCTGGACAATGATGAGCTGCTTAAGCACCTGCGCCGCGACCACTACTTCTGCCACTTC
TGCGACTCGGACGGGGCCAGGACTACTACAGCGACTATGCCTACCTGCGTGAGCACTTC
CGGGAGAAGCACTTTCTGTGTGAGGAAGGCCGCTGCAGCACGGAGCAGTTCAACCCAGCC
TTCCGCACCGAGATCGACCTCAAGGCCACAGGACGGCTGCCACAGTCGAGCCGCGCC
GAGGCACGCCAGAACCGCCACATCGACCTGCAGTTCAGCTACGCGCCACGGCACTCGCGC
CGGAACGAGGGGGTCTTGGTGGCGAAGACTACGAGGAGGTGGACAGGTACAGCCGCCAG
GGCCGAGTGGCCCGGGTGGCACTCGCGGAGCCAGCAGAGCCGCGGAGGAAGCTGGAGG
TACAAAAGGGAAGAAGAGGACCGAGAAGTAGCAGCTGCTGTCCGGGCCTCCGTGGCCGCA
CAGCAGCAGGAGGAGGCTCGCAGGAGTGAGGATCAGGAGGAAGGCGGTAGGCCCAAGAAG
GAGGAGGCAGCGCGCGGGGACCTGAGGATCCCCGTGGCCCCGCGCTACCCCGGACT
CAGGGCGAAGGCCAGGCCCAAGGAAACCTCGACAAATGGTCTGTGAAGCCAAGAAGCC
TTCTCGGTGACAGGCCAGCCGCCCCAGGGTGTGTGGGGTGCCAGGCGCCCTCCACCA
CCCAGCCCGAAGCTCAAGGACGAAGACTTCCCCAGCCTCTCTGCCTCCACTTCTCTCTCC
TGCTCCACTGCAGCAACCCCGGGCCCTGTGGGGTTGGCGTGCCGTACGCCATCCCTGCC
AGAGGCAGGAGTGCTTCCAGGAGGAGGACTTCCCCGCCCTGGTGTCTCGGTGCCCAAG
CCTGGCACCGCCCCACCAGCCTTGTCTCTGCCTGGAACAGCAGCAGTAGCAGCAAGAAG



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GTAGCACAGCCCCACTCTCGGCGCAGGCTACCGGCAGCGGCCAGCCACCAGGAAGGCT
GGGAAGGGGAGCAGGGGCGGCAGGAAGGGCGGCCCGCCCTTACACAGGAGGAGGAGGAG
GACGGCGGCCCGGCCCTGCAGGAGCTTCTGAGCACAGCCCCACGGGCTCCGTCTCTCTCC
ACACTGGGGCTGGCCTCCATCCAACCTCTAAAGTTGGGAAGAAGAAAGTGGGCTCG
GAGAAGCCAGGCACCACATTGCCACAGCCCCCGCCGCTACCTGTCCCCAGGGGCTTTG
CAGGCCCCGGAAGCTCCTGCCAGCAGAGCCGAGGGGCCAGTTGCCGTGTCGTTAATGGA
CACACGGAGGGCCCGGCCCTGCTCGGAGTGCCCCAAGGAACCCCTGGGCTCCCAAGG
CCCTTGGGGTCTTCCCTGCCCCACGCCACAGGAGGACTTCCAGCGCTCGGCGGCCCC
TGCCACCCCGGATGCCCGCGCCCCAGGCTTCAGCGCTGTGGTCTCCTGAAGGACAG
CCTCCCCACCCCGCGGGGCTGGTGCCCCAATCAGCAAGCGCCCCCTGGCTTCTCT
GGCCTTCTGCCTAGCCCCACCCGGCCTGTGTCCCAGCCCCGCCACCACCACCACACA
AAAGCACCCAGGCTGCTGCCTGCCCCACGGGCTACCTAGTCCCCGAGAATTCGGGAG
AGGAACCTTCAGCTCATCAGTCCATCAGGGACTTCTGCAGAGCGACGAGGCCCGCTTC
AGCGAGTTCAAGAGCCACTCAGGGGAGTTCAGACAGGGCCTGATCTCCGACGCCAGTAT
TACAAGAGTTGCGGGACCTGCTGGGGGAGAATTTCCAGAAGGTCTTTAATGAGCTGCTG
GTCTGTGTCGCCGACACGCCAAGCAGCAGGAGTCTGTCTGCACACAGGACTTCTGC
AACC CGCAGAAGCCTCTGAGCACCAAGTCCAAGAAGAACAAGAAGAGCGCGTGGCAGGCC
ACCACCCAGCAGGCGGGCCTGGACTGCCGTGTGTGCCACCTGCCAGCAGGTGCTCGCG
CATGGCGATGCCAGCAGCCACCAGGCGCTGCATGTGCCGGGACGACGACTTCCCTCC
CTGCAAGCCATCGCCAGGATCATCAGTAGCTCCCGCCAGCGTGGCCAGAGCTGTGCGAC
CGTGAGCGTCTTCTCTTCTCTCCGGGCTGCCAGGCAGCCAGGTAAGGCCTGGTGAG
GCCACTTGGCCTCTTGGTTGGCCAGGCCACCAGGAAGTACCAGGACAGTCCACCCGCC
CTGTTGGCACACTCAAGCGGGAGTCCACCCCTGCCTCAGTGGTGGGCCAGTCTCGGTTTG
CATTCTTGTGCTTTTGGGAGGTGCCAGGGGAGGGAAGGGCTGGGATGCTGGGACCTGTTG
TTGCTGGCAAAGCCAGAGGTACAGTGGCCTGATCTGGGCCCTCCCAAAGCTGAGGGCTG
CAGCCCGTGGGGCCTCAGAGCTGAAAGCTGCGGCGCCACTGGTGCCAGAGTCAGATGTCA
CAGATGTGTTGTGTAACAGTTGGCTGTTTCGTGCTTCAAGAATGTTAGGATTAAGC
AGACAAGAAATTGTGAAAAAAAAAAAAA

5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_178167 unedited
AAGTCGGTAGCCTGGGAAGCCATCCAGCTGTTTTGACCTCTANAAAAACCGGGACCGAT
CCAGCCTCCGGACTCTAGCCTAGGCCGCGGGACGATAACAATTTACACAGGAAACAGC
TATGACCATTAGGCCTATTTAGGTGACACTATAGAACAAGTTTGTACAAAAAGCAGGCT
GGTACCGGTCCGGAATTCGCGGATATCGTCGACCCACGCGTCCGGCCGGATCCCGGACC
ATGGCGGCGGGGGGGCGCCGAGGGGCGGCGCGGCCCTGGAGGCGGCGGGCGGCA
GCTCCTGAGCGGGGAGCGGGAGCTGCGTGCTGTGCTGCGGAGACCTGGAGGCCACGGCG
CTGGGCCGCTGCGACACCCGGTGTGCTACCGTGTCTACCAAGATGCGGGTGTCTGC
GAGCAGCGCTACTGCGCCGTGTGCCGCGAGGAGTGCAGCAGGTGGTCTTTGGGAAGAAG
CTTCTGCTTTGCCACCATCCCATCCACAGCTGCAGCATGAGAAGAAATATGATATC
TACTTTGCAGATGAAAGGTGTACGCATTGTACAGGCAGCTGCTGCAGCACGAGTGCCCCG
CGGTGCCCCGAGCTGCCACCTTTAGCCTCTTCGGGGACCTGGAGCAGCACATGCGGAGG
CAGCATGAGCTCTTCTGCTGCCGTCTGTGCCTCCAGCACCTCCAGATCTTCACATATGAG
CGCAAGTGGTACTCGCGCAGGGACCTGGCCCGCATCGCATGGCGGGTGACCCCGATGAC
ACGTCGCACCGTGGGCACCCGCTCTGCAAGTCTGTGACGAGCGCTACCTGAACATGATGA
GCTGCTTAGCACCTGGGCGGGAACACTACTTTGCCCTTTCGCGACTCGAACGGGCCCAGA
CTCTACGGGACATGCCTACT

Restriction Sites:

NotI-NotI

ACCN:

NM_178167

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:	<u>NM_178167.2, NP_835461.1</u>
RefSeq Size:	3210 bp
RefSeq ORF:	2715 bp
Locus ID:	90850
UniProt ID:	<u>Q86UK7</u>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
Gene Summary:	Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This protein and Grb10-interacting GYF protein 2 have been identified as a components of the mammalian 4EHP (m4EHP) complex. The complex is thought to function as a translation repressor in embryonic development. [provided by RefSeq, Oct 2012]