

Product datasheet for **SC115845**

ZFPL1 (NM_006782) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFPL1 (NM_006782) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFPL1
Synonyms:	D11S750; MCG4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006782, the custom clone sequence may differ by one or more nucleotides

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ATGGGGCTTTGTAAGTGCCCAAGAGAAAGGTGACCAACCTGTTCTGCTTCGAACATCGGGTCAACGTCT
GCGAGCACTGCCTGGTAGCCAATCACGCCAAGTGCATCGTCCAGTCTACCTGCAATGGCTCCAAGATAG
CGACTACAACCCCAATTGCCGCCTGTGCAACATAACCCCTGGCCAGCCGAGAGACGACCCGCCTTGCTGC
TATGATCTCTTTCACTGGGCCTGCCTCAATGAACGTGCTGCCAGCTACCCCGAAACACGGCACCTGCCG
GCTATCAGTGCCCGAGTGAATGGCCCATCTCCCCCAACCAACCTGGCTGGCCCCGTGGCCTCCGC
ACTGAGAGAGAAGCTGGCCACAGTCAACTGGGCCCGGGCAGGACTGGGCCTCCCTCTGATCGATGAGGTG
GTGAGCCCAGAGCCGAGCCCTCAACAGTCTGACTTCTCTGACTGGTCTAGTTTTAATGCCAGCAGTA
CCCTGGACCAGAGGAGGTAGACAGCGCCTCTGCTGCCAGCCTTCTACAGCCAGGCCCCCGGCCCC
AGCTTCCCAGGCCGCGCCGAGCAGCACACAGTATCCACATGGGCAATCCTGAGCCCTTGACTCACGCC
CCTAGGAAGGTGTATGATACGCGGGATGATGACCGGACACCAGGCCTCCATGGAGACTGTGACGATGACA
AGTACCGACGTCGGCCGGCCTTGGGTTGGCTGGCCGGCTGCTAAGGAGCCGGGCTGGGTCTCGGAAGCG
GCCGCTGACCCTGCTCCAGCGGGCGGGCTGCTGCTACTCTTGGGACTGCTGGGCTTCTGGCCCTCCT
GCCCTCATGTCTCGCCTAGGCCGGCCGAGCTGACAGCGATCCCAACCTGGACCACTCATGAACCCTC
ACATCCGCGTGGGCCCTCCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006782 unedited TTAGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGGCCATCGCTACCG CCCTTCGGAACCAAGTGCAGCGGCCGATCAGTAAACACAGAGACTGGGGATCGATCATGGG GCTTTGTAAGTGCCCAAGAGAAAGGTGACCAACCTGTTCTGCTCGAACATCGGGTCAA CGTCTGCGAGCACTGCCTGGTAGCCAATCACGCCAAGTGCATCGTCCAGTCTACCTGCA ATGGCTCCAAGATAGCGACTACAACCCCAATTGCCGCTGTGCAACATACCCCTGGCCAG CCGAGAGACGACCCGCTTGTCTGCTATGATCTCTTTCACTGGGCCTGCCTCAATGAACG TGCTGCCAGTACCCCGAAACACGGCACCTGCCGGCTATCAGTGCCCCAGCTGCAATGG CCCCATCTTCCCCCAACCAACCTGGCTGGCCCCGTGGCCTCCGCACTGAGAGAGAAGCT GGCCACAGTCAACTGGGCCCGGGCAGGACTGGGCCTCCCTCTGATCGATGAGGTGGTGAG CCCAGAGCCCAGCCCTCAACACGTCTGACTTCTGACTGGTCTAGTTTTAATGCCAG CAGTACCCTGGACCAGAGGAGGTAGACAGCGCCTCTGCTGCCAGCCTTCTACAGCCA GGCCCCCGGCCCCAGCTTCCCAGGCCGGCCGAGCAGCACACAGTATCCACATGGG CAATCCTGAGCCCTTGACTCACGCCCTAGGAAGGTGTATGATACGNCGGATGATGACCG GACACCANGCCTCCATGGAGACTGTGACGATGANCAAGTACCNGACGTGCGCCGGCCTGGN NTTTGCTGGCCCCGCTGCNTAAGAGCCGNNCTGGTCTCGNAAGCGCCGCTGACCTGCTT CAGCGGGNGCTGCTGCTACTCTGGGACTGCTGGGCTTCTGGCCCTTGNCTATGTCT CGCTAGCCGN
Restriction Sites:	NotI-NotI
ACCN:	NM_006782
Insert Size:	1700 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_006782.3 , NP_006773.2
RefSeq Size:	1400 bp
RefSeq ORF:	933 bp
Locus ID:	7542
UniProt ID:	O95159
Cytogenetics:	11q13.1
Protein Families:	Transcription Factors, Transmembrane

Gene Summary:

Required for cis-Golgi integrity and efficient ER to Golgi transport. Involved in the maintenance of the integrity of the cis-Golgi, possibly via its interaction with GOLGA2/GM130. [UniProtKB/Swiss-Prot Function]