

Product datasheet for **SC123242**

ZG16 (NM_152338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZG16 (NM_152338) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZG16
Synonyms:	JCLN; JCLN1; ZG16A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_152338 edited CCCAGAATGTTGACAGTCGCTCTCCTAGCCCTTCTCTGTGCCTCAGCCTCTGGCAATGCC ATTCAGGCCAGGTCTTCCTCCTATAGTGGAGAGTATGGAAGTGGTGGTGGAAAGCGATTCC TCTCATTCTGGCAACCAGTTGGACGGCCCCATCACCGCCCTCCGGTCCGAGTCAACACA TACTACATCGTAGGTCTTCAGGTGCGCTATGGCAAGGTGTGGAGCGACTATGTGGGTGGT CGCAACGGAGACCTGGAGGAGATCTTTCTGCACCCTGGGGAATCAGTGATCCAGGTTTCT GGGAAGTACAAGTGGTACCTGAAGAAGCTGGTATTTGTGACAGACAAGGGCCGCTATCTG TCTTTTGGGAAAGACAGTGGCACAAGTTTCAATGCCGTCCCTTGCACCCCAACACCGTG CTCCGCTTCATCAGTGGCCGGTCTGGTTCTCTCATCGATGCCATTGGCCTGCACTGGGAT GTTTACCCCACTAGCTGCAGCAGATGCTGAGCCTCCTCTCCTTGGCAGGGGCACTGTGAT GAGGAGTAAGAAGTCCCTTATCACTAACCCCATCCAAATGGCTCAATAAAAAAATATGG TTAAGGCTAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152338 unedited AGACCTGGATATTTGTNAATACCNACTTCTCTGAGAGGNCGGACCGCGAAATCCCAGG ATCCCAGATGTTGACAGTCGCTCCTAGCCCTTCTCTGTGCCTCAGCCTCTGGCAATGC CATTACAGGCCAGGTCTTCTCCTATAGTGGAGAGTATGGAAGTGGTGGTGGAAAGCGATT CTCTCATTCTGGCAACCAGTTGGACGGCCCCATCACCGCCCTCCGGTCCGAGTCAACAC ATACTACATCGTACGTCTTCAGGTGCGCTATGGCAAGGTGTGGAGCGACTATGTGGTGG TCGCAACGGACACCTGGAGGATATCTTTCTGCACCCTGGGGAATCAGTGATCCAAGTTTC TGGGAAGTACAAGTGGTACCTGAAGAATCTGGTATTTGTGACAGACAAGGGCCGCTATCT GTCTTTTGGGAAAGACAGTGGCACAAGTTTCAATGCCGTCCCCTTGCACCCCAACACCGT GCTCCGCTTTCAGTGGCCGGTCTGGTCTCTCATCGATGCCATTGGCCTGCACTGAGA TGTTTACCCCACTAGCTGCAGCAGATGCTGAGCCTGCTCCTTGGCAAGGGCACTGTGA TGAGGACTAAGAACTCCCTTATCACTAACCCCATCCAAATGGCTCAATGAAAAAATATG GTTAAAGTAAAAAAAAAAAAAAAAAAAAAAAAAGGGCGCCGCGGTGCTAGCTGTTTCC TGAACAGATCCCGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTCCTGGCCCTGGTA GTTGCCACTCCAGTGCCACCAGCCTTGCCTAATAAATTAAGTAGCATATTTTGTCTG ACTAGGTGCCGTCTATATATCATGGGTGAGGGGGGGGNAGAGAGNAAAAAAGNAAA AATTGGGAAAAAACCCCTTAGGGGCTGCGGGGTCTATTGGGAACCAAGTCGG
Restriction Sites:	Please inquire
ACCN:	NM_152338
Insert Size:	632 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_152338.1 , NP_689551.1
RefSeq Size:	632 bp
RefSeq ORF:	504 bp
Locus ID:	653808
UniProt ID:	O60844
Cytogenetics:	16p11.2

Gene Summary:

May play a role in protein trafficking. May act as a linker molecule between the submembranous matrix on the luminal side of zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN.[UniProtKB/Swiss-Prot Function]