

Product datasheet for **SC306986**

ZPLD1 (NM_175056) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZPLD1 (NM_175056) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZPLD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306986 representing NM_175056. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGATGCTCAGGTTTTCCATGTGCAGGGGAAATGATGAAGGTTTTGCAATGGAACAAATATGGTTGCTG
CTGCTTCTAACAATTAGAGTGCTTCCGGGGTCTGCTCAGTTCAACGGCTACAACGTGATGCCAACCTC
CACAGTAGATTTCTGCTGAAAGAGACATCAGTGTCTATTGTGGAGTGCAGGCTATTACGATGAAGATT
AATTTTGCACGGTACTTTTCTCGGGTTATTCGAAACAGATCTGGCACTGAATGGAAGGCATGGGGAC
TCCCACTGCAGAGGGTTCATCAATAACAACACCTTTCCAGCAGTGGTCATTTTATCATCAATCTCAGC
ACCTTGGAGGGCTGTGGAACAACCTGGTGGTATCCACAATTCCTGGAGTCAGTGCTTATGGAATGCA
ACTTCAGTGCAAGTAGGAAATATTTTCAGGATATATTGATACTCCAGACCCACCAACAATCATCAGCTAT
CTACCTGGGCTTCTTTACAAATTTAGTTGTAGTTATCCATTGGAATACCTGGTTAATAATACCCAGCTT
GCTTCGCTCCTCAGCGGCTATTTCTGTGAGAGAGAAATGGCACATTTGTCAGCACTTTGAACCTGCTC
CTTTATAACGATTCAACCTACAACCAGCAGTTAATTATCCCCAGTATAGGATTACCTTTGAAAACCAAA
GTATTTGCAGCTGTCCAAGCCACTAATTTGGATGGCAGATGGAATGTTTTAATGGATTATTGCTATACT
ACCCCATCAGGAAACCAAAATGATGACATTCGATATGATCTTTTCCTTAGCTGTGACAAGGACCCTCAG
ACCACCGTCATTGAGAATGGCCGAAGCCAGCGGGCCGGTTTTCTTTGAAGTGTCCGATTTGTGAAA
CACAAGAATCAGAAAATGTCCACTGTCTTCTTGCACTGCGTTACCAAGCTCTGCAGAGCAGATGACTGC
CCCTTCCTTATGCCGATTTCAGCCACAGAGAAAGGAGAGATGCTGGGAGGAGGACGACTTGGAGCCCC
CAGAGCTCTTCTGGCAGCGCGGTCTCTGCTGGTCCCATTACTCGGAGTGATGAGACTCCAACC
AACAAATTCGCAACTTGGTTCTCCAAGTATGCCTCCCTTCAGCTGAACGCCATCACCAGCGCACTGATA
TCAGGAATGGTCATTCTGGGAGTTACGAGCTTTTCTCTTCTGTGCTCACTGGCCCTTCTGCACAGG
AAGGGACCCACAAGTTTAGTGTTGAATGGCATAAGAAACCCAGTCTTTGAC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_175056
Insert Size:	1296 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_175056.1</u>
RefSeq Size:	3639 bp
RefSeq ORF:	1296 bp
Locus ID:	131368
UniProt ID:	<u>Q8TCW7</u>
Cytogenetics:	3q12.3
Protein Families:	Transmembrane
MW:	47.4 kDa
Gene Summary:	Glycoprotein which is a component of the gelatinous extracellular matrix in the cupulae of the vestibular organ.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).