

Product datasheet for **SC328887**

DZIP1L (NM_001170538) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DZIP1L (NM_001170538) Human Untagged Clone
Tag:	Tag Free
Symbol:	DZIP1L
Synonyms:	DZIP2; PKD5
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 NM_001170538, the custom clone sequence may differ by one or more nucleotides <pre> ATGCAGTCCCCAGCTGCCACTGCTGAGGGCCTCAGTGGCCCCCTCTTTGGGGCTACACG TTCCCCACCTTCAAGTTTCAGCCTCGCCATGATAGCATGGACTGGAGACGCATTAGCACC CTGGATGTAGACCGCGTGGCCCGGGAAGTGGATGTGGCCACTCTGCAGGAGAATATTGCT GGCATCACCTTCTGCAACTTGGACCGGAGGTGTGCAGCCGCTGTGGGCAGCCTGTGGAC CCGGCACTGCTCAAGGTGCTGCGCCTGGCGCAGCTCATCATTGAGTACCTGCTGCACTGC CAGGATTGCCTGAGTGCCAGTGTTGCCAGCTGGAGGCACGGCTGCAGACCAGCCTGGGC CAGCAGCAGCGTGGTCAGCAGGAGCTGGGACGCCAGGCTGACGAGCTCAAGGGTGTGCGG GAGGAGAGCCGCGCGCTCGAAGATGATCAGCACCTGCAGCAGCTGCTAATGCAGACA GGCACCCACAGCTACCACACGTGCCACCTGTGTGACAAGACATTCATGAATGCCACCTTT CTCCGGGGCCACATCCAGCGCAGGCATGCAGGCGTGGCAGAAGGTGAAAAACAGAAGAAA CAGGAACAGCCAGTGGAAGAGGTGTTAGAAGAGCTACGGGCCAAGCTAAAGTGGACCCAA GGGGAGCTGGAAGCCAGAGGGAGGCGGAGAGGCAGCGCAGCTCCAGGAAGCAGAGCTC ATTCATCAGAGGGAATAGAAGCTAAGAAAGAATTTGATAAATGGAAAGAGCAAGAGTGG ACCAAACCTTTATGGGGAAATAGATAAACTAAAAAATTATTTTGGGATGAATTTAAAAAT GTGCGCAAGCAGAACTCTACACTAGAAGAGAACTGCGGGCACTGCAGTCCCACAGTGTG ATGGAGTCCAAGCTGGGATCACTGCGAGATGAGGAGTCAGAGGAGTGGCTTCGGCAGGCA CGGGAGCTTCAGGCCCTGAGAGAGAAGACAGAAATTCAGAAAACGGAGTGGAAGAGAAA GTGAAGGAAGTGCATGAAGAGCACATGGCTGAGAAGAAAGAGTACAGGAGGAGAACCAG AGGCTCCAGGCCCTCCCTGTCTCAGGATCAGAAGAAGGCAGTGCCAGTCCCAGTGCCAG ATCAGCACCTCCGTGCCAGCTGCAGGAACAAGCTAGGATCATTGCCTCCCAGGAGGAG ATGATCCAGTCTTGTCTCTCAGGAAGGTGGAAGGGATCCACAAGGTGCCAAAGGCTGTG GACACAGAGGAGGACTCTCCAGAGGAAGAGATGGAGGACTCCCAGGATGAACAGCACAAG GTGCTGGCAGCTCTGAGGCGTAACCCCACTTTGCTGAAGCACTTCAGACCAATCTGGAG GACACCTGGAAGAGAAGCTCGAAAGCATGGGGATAAGGAAGGATGCAAAGGGAATCTCG ATTCAGACTCTCAGACACCTGGAATCCCTGCTGAGAGTCCAGCGGAGCAGAAGGCCCGG AAGTTTTCTGAATTTCTGAGTCTGAGGGGAAAGCTTGTCAAGGAAGTACCAGCAGAGCG AAGGAGAGACAGGAGAATGGCGCTGTGGTGTCCAGCCAGACGGGCAGCCTTCAGGCTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001170538
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_001170538.1, NP_001164009.1</u>
RefSeq Size:	2107 bp
RefSeq ORF:	1620 bp
Locus ID:	199221
UniProt ID:	<u>Q8IYY4</u>
Cytogenetics:	3q22.3
Gene Summary:	Involved in primary cilium formation (PubMed:19852954, PubMed:28530676). Probably acts as a transition zone protein required for localization of PKD1/PC1 and PKD2/PC2 to the ciliary membrane (PubMed:28530676).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, 3' coding region and 3' UTR, compared to variant 1. The resulting isoform (2) has a distinct C-terminus and is shorter than isoform 1.