

Product datasheet for **SC307131**

PDZK3 (PDZD2) (NM_178140) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDZK3 (PDZD2) (NM_178140) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDZD2
Synonyms:	AIPC; PAPIN; PDZK3; PIN1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_178140, the custom clone sequence may differ by one or more nucleotides

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Restriction Sites:	Please inquire
ACCN:	NM_178140
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:	<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_178140.1 , NP_835260.1
RefSeq Size:	11705 bp
RefSeq ORF:	8520 bp
Locus ID:	23037
UniProt ID:	O15018
Cytogenetics:	5p13.3
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene contains six PDZ domains and shares sequence similarity with pro-interleukin-16 (pro-IL-16). Like pro-IL-16, the encoded protein localizes to the endoplasmic reticulum and is thought to be cleaved by a caspase to produce a secreted peptide containing two PDZ domains. In addition, this gene is upregulated in primary prostate tumors and may be involved in the early stages of prostate tumorigenesis. [provided by RefSeq, Dec 2015]