

Product datasheet for **SC338107**

FRMPD3 (NM_032428) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FRMPD3 (NM_032428) Human Untagged Clone
Tag:	Tag Free
Symbol:	FRMPD3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032428, the custom clone sequence may differ by one or more nucleotides

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TATGAGCACATTCA~~CC~~CACTCCTTAAAAACCCTTATTAAGTAG

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_032428
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:	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_032428.1, NP_115804.1</u>
RefSeq Size:	7304 bp
RefSeq ORF:	5433 bp
Locus ID:	84443
UniProt ID:	<u>Q5JV73</u>
Cytogenetics:	Xq22.3
Gene Summary:	This gene encodes a protein that contains a PDZ (post synaptic density protein (PSD95), Drosophila disc large tumor suppressor (Dlg1), and zonula occludens-1 protein (zo-1) domain at the N-terminus followed by a FERM domain. The encoded protein is involved in signal transduction. The PDZ domain is thought to function in protein-protein interactions, mainly by binding to specific C-terminal peptides of other proteins. The FERM domain is found in proteins that are localized to the plasma membrane and are associated with the cytoskeleton. [provided by RefSeq, May 2017]