

## Product datasheet for **TP326876M**

### PSD93 (DLG2) (NM\_001142702) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human discs, large homolog 2 (Drosophila) (DLG2), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC226876 representing NM_001142702 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MMNHSMSSSGSLRTNQKRSLYVRAMFDYDKSKDSGLPSQGLSFYKYGDILHVINASDDEWWQARRVMLEG DSEEMGVIPSKRRVERKERARLKTVKFNAKPGVIDSKGDIPGLGDDGYGKTLRGQEDLILSYEPVTRQE INYTRPVILGPMKDRINDDLISEFPDKFGSCVPHTTRPKRDYEVDGRDYHFVISREQMEKDIQEHKFI AGQYNDNLYGTSVQSVRFVAERGGKHCILDVSGNAIKRLQVAQLYPIAIFIKPRSLEPLMEMNKRLEEQ KKTVDRAIKLEQEFGEYFTAIVQGD TLEDIYNQCKLVIEEQSGPFIWIPSKEKL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	38.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001136174</a>
Locus ID:	1740



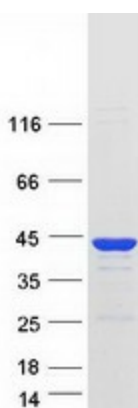
[View online »](#)

UniProt ID: [Q15700](#)  
Cytogenetics: 11q14.1  
RefSeq ORF: 1002  
Synonyms: chapsyn-110; PPP1R58; PSD-93; PSD93

**Summary:** This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. The encoded protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described, but their full-length nature is not known. [provided by RefSeq, Dec 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified DLG2 protein (Cat# [TP326876]). The protein was produced from HEK293T cells transfected with DLG2 cDNA clone (Cat# [RC226876]) using MegaTran 2.0 (Cat# [TT210002]).