

Product datasheet for **TP321038M**

DLGAP4 (NM_001042486) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human discs, large (Drosophila) homolog-associated protein 4 (DLGAP4), transcript variant 3, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC221038 representing NM_001042486
Red=Cloning site **Green**=Tags(s)

MSSRRDTSQDANDSSCKSSERSLPDCTPHPNISIDAGPRQAPKIAQIKRNLSDNSDPALASSL
PPDPWLETSSSSPAEPAQPGACRRDGYWFLKLLQAETERLEGWCCQMDKETKENNLSEEVLGKVLAVG
SAQLLMSQKFQFRGLCEQNLNPDANPRPTAQDLAGFWDLLQLSIEDISMKFDELYHLKANSWQLVETPE
KRKEEKPPPPVPPKPAKSKPAVSRDKASDASDKQRQEARKRLLAAKRAASVRQNSATESADSIEIYVPE
AQTRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 31.5 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: [NP_001035951](#)

Locus ID: 22839

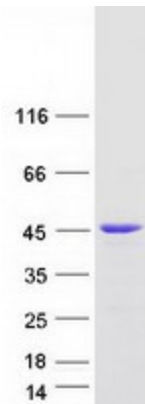


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UniProt ID:	Q9Y2H0 , A0A0B4J2C2
RefSeq Size:	2982
Cytogenetics:	20q11.23
RefSeq ORF:	855
Synonyms:	DAP-4; DAP4; DLP4; SAPAP-4; SAPAP4

Summary: The product of this gene is a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. It is a signaling molecule that can interact with potassium channels and receptors, as well as other signaling molecules. The protein encoded by this gene can interact with PSD-95 through its guanylate kinase domain and may be involved in clustering PSD-95 in the postsynaptic density region. The encoded protein is one of at least four similar proteins that have been found. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DLGAP4 protein (Cat# [TP321038]). The protein was produced from HEK293T cells transfected with DLGAP4 cDNA clone (Cat# [RC221038]) using MegaTran 2.0 (Cat# [TT210002]).