

Recombinant Full Length Human DLG3 Protein, C-Flag-tagged

Cat. No. DLG3-1489HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DLG3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the membrane-associated guanylate kinase protein family. The encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatosis polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked cognitive disability. Alternatively spliced transcript variants have been described.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	90.1 kDa
AA Sequence	MHKHQHCCKCPECYEVTRLAALRRLEPPGYGDWQVPDPYGPGGGNGASAGYGG YSSQTLPSQAGATPTPR TKAKLIPTGRDVGVPVPPKPVPGKSTPKLNGSGPSWWPE CTCTNRDWYEQVNGSDGMFKYEEIVLERGNSG LGFSIAGGIDNPHVPDDPGIFITKII PGGAAAMDGRLGVNDCVLRVNEVDVSEVVHSRAVEALKEAGPVV RLVVRRRQPP PETIMEVNLLKGPKGLGFSIAGGIGNQHIPGDNSIYITKIIEGGAAQKDGRLLQIGDRLLA VNNTNLQDVRHEEAVASLKNTSDMVYLKVAKPGSLHLNDMYAPPDYASTFTALADN HISHNSSLGYLGAV ESKVSYPPAPPQVPTRYSPIPRHMLAEEDFTREPRKIILHKGST

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GLGFNIVGGEDGEGIFVSFILAGGPA DLSGELRRGDRILSVNGVNLRNATHEQAAAA
 LKRAGQSVTIVAQYRPEEYSRFESKIHDLREQMMNSSMS SGSGSLRTSEKRSLYVR
 ALFDYDRTRDSCLP SQGLSFSYG DILHVINASDDEWWQARLVTPHGESEQIGV IPSK
 KRVEKKERARLKT VKFHARTGMIESNRDFPGLSDDYYGAKNLKGQEDAILYEPVTR
 QEIHYPV IILGPMKDRVNDDLISEFPHKFGSCVPHTTRPRRDNEVDGQDYHFVVS
 REQMEKDIQDNKFIEAGQFNDN LYGTSIQSVRAVAERGKHCILDVSGNAIKRLQQAQ
 LYP IAFIKPKSIEALMEMNRRQTYEQANKIYDKA
 MKLEQEFGEYFTAIVQGDSLEEIYNKIKQIIEDQSGHYIWPSP EKLTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

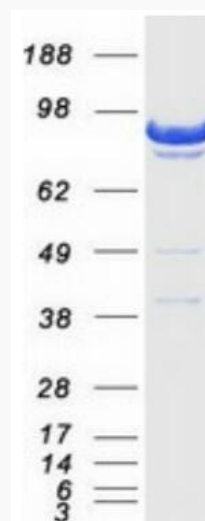
Gene Name	DLG3 discs large MAGUK scaffold protein 3 [Homo sapiens (human)]
Official Symbol	DLG3
Synonyms	MRX; XLMR; MRX90; NEDLG; SAP102; XLID90; PPP1R82

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Gene ID	1741
mRNA Refseq	NM_021120.4
Protein Refseq	NP_066943.2
MIM	300189
UniProt ID	Q92796



Coomassie blue staining of purified DLG3 protein.