

Recombinant Human DLG2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DLG2-1342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DLG2 MS Standard C13 and N15-labeled recombinant protein (NP_001136174) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	38.2 kDa
AA Sequence	MMNHSMSSGSGSLRTNQKRSLYVRAMFDYDKSKDSGLPSQGLSFKYGDILHVINAS DDEWWQARRVMLEGDSEEMGVIPSKRRVERKERARLKTVKFNAKPGVIDSKGDIP GLGDDGYGTKLRGQEDLILSYEPVTRQEINYTRPVIIILGPMKDRINDDLISEFPDKFG SCVPHTTRPKRDYEV DGRDYHFVISREQMEKDIQEHKFIEAGQYNDNLYGTSVQSV RFVAERGGKHCILDVSGNAIKRLQVAQLYPIAIFIKPRSLEPLMEMNKRLTEEQAQKTYD RAIKLEQEFGEYFTAIVQGD TLEDIYNQCKLVIEEQSGPFIWIPSKEKLTRTRPLEQKLI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DLG2 discs large MAGUK scaffold protein 2 [Homo sapiens (human)]
Official Symbol	DLG2
Synonyms	DLG2; discs, large homolog 2 (Drosophila); discs, large homolog 2, chapsyn 110 (Drosophila); disks large homolog 2; chapsyn 110; PPP1R58; protein phosphatase 1; regulatory subunit 58; PSD 93; PSD93; discs, large homolog 2, chapsyn-110; postsynaptic density protein PSD-93; channel-associated protein of synapse-110; protein phosphatase 1, regulatory subunit 58; channel-associated protein of synapses, 110kDa; PSD-93; chapsyn-110; FLJ37266; MGC131811; DKFZp781D1854; DKFZp781E0954;
Gene ID	1740
mRNA Refseq	NM_001142702

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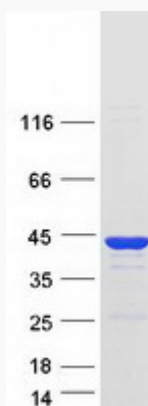
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Protein Refseq NP_001136174

MIM 603583

UniProt ID Q15700

SDS-PAGE



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