Recombinant Full Length Human DLG4 Protein, GST-tagged

Cat. No. DLG4-727HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DLG4(1 a.a. - 767 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	767 amino acids
Description	This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins 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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	111.8 kDa
AA Sequence	MSQRPRAPRS ALWLLAPPLL RWAPPLLTVL HSDLFQALLD ILDYYEASLS ESQKYRYQDE DTPPLEHSPA HLPNQANSPP VIVNTDTLEA PGYELQVNGT EGEMEYEEIT LERGNSGLGF SIAGGTDNPH IGDDPSIFIT KIIPGGAAAQ DGRLRVNDSI LFVNEVDVRE VTHSAAVEAL KEAGSIVRLY VMRRKPPAEK VMEIKLIKGP KGLGFSIAGG VGNQHIPGDN SIYVTKIIEG GAAHKDGRLQ

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

	IGDKILAVNS VGLEDVMHED AVAALKNTYD VVYLKVAKPS NAYLSDSYAP PDITTSYSQH LDNEISHSSY LGTDYPTAMT PTSPRRYSPV AKDLLGEEDI PREPRRIVIH RGSTGLGFNI VGGEDGEGIF ISFILAGGPA DLSGELRKGD QILSVNGVDL RNASHEQAAI ALKNAGQTVT IIAQYKPEEY SRFEAKIHDL REQLMNSSLG SGTASLRSNP KRGFYIRALF DYDKTKDCGF LSQALSFRFG DVLHVIDASD EEWWQARRVH SDSETDDIGF IPSKRRVERR EWSRLKAKDW GSSSGSQGRE DSVLSYETVT QMEVHYARPI IILGPTKDRA NDDLLSEFPD KFGSCVPHTT RPKREYEIDG RDYHFVSSRE KMEKDIQAHK FIEAGQYNSH LYGTSVQSVR EVAEQGKHCI LDVSANAVRR LQAAHLHPIA IFIRPRSLEN VLEINKRITE EQARKAFDRA TKLEQEFTEC FSAIVEGDSF EEIYHKVKRV IEDLSGPYIW VPARERL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DLG4 discs, large homolog 4 (Drosophila) [Homo sapiens]
Official Symbol	DLG4
Synonyms	DLG4; discs, large homolog 4 (Drosophila); disks large homolog 4; PSD 95; PSD95; SAP 90; SAP90; discs large homolog 4; Tax interaction protein 15; synapse-associated protein 90; postsynaptic density protein 95; post-synaptic density protein 95; SAP-90; FLJ97752; FLJ98574
Gene ID	1742
mRNA Refseq	NM_001365

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

Protein Refseq	NP_001356
MIM	602887
UniProt ID	P78352

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