

Recombinant Human DLG4 protein, GST-tagged

Cat. No. DLG4-159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLG4(1 a.a. - 767 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-767 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	111.8 kDa
AA Sequence	MSQRPRAPRSALWLLAPPLLRWAPPLLTVLHSDLFQALLDILDYEEASLSESQKYRY QDEDTPPLEHSPAHLPNQANSPPVIVNTDTLEAPGYELQVNGTEGEMEYEEITLGERG NSGLGFSIAGGTDNPHIGDDPSIFITKIIPGGAAAQDGRLRVNDSILFVNEVDVREVTH SAAVEALKEAGSIVRLYVMRRKPPAEKVMEIKLIKGPGLGFSIAGGVGNQHIPGDNS IYVTKIIEGGAHKDGRLQIGDKILAVNSVGLEDVMHEDAVAALKNTYDVVYLKVAKP SNAYLSDSYAPPDITTSYSQHLDNEISHSSYLGTDYPTAMTPTSPRRYSPVAKDLLG EEDIPREPRRIVHRGSTGLGFNIVGGEDGEGIFISFILAGGPADLSGELRKGDQILSV NGVDLRNASHEQAAILKNAGQVTVTIAQYKPEEYSRFEAKIHDRLREQLMNSSLSGSGT ASLRSNPKRGFYIRALFDYDKTKDCGFLSQALSFRFGDVLHVIDASDEEWWQARRV HSDSETDDIGFIPSKRRVERREWSRLKAKDWGSSSGSQGREDSVLSYETVTQMEV HYARPIILGPTKDRANDDLLSEFPDKFGSCVPHTTRPKREYEIDGRDYHFVSSREKM EKDIQAHKFIEAGQYNShLYGTSVQSVREVAEQGKHCILDVSANAVRRLQAAHLHPI

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AIFIRPRSLENVLEINKRITEEQARKAFDRATKLEQEFTECFSAIVEGDSFEEIYHKVKR
VIEDLSGPYIWVPARERL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

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

Protein Refseq

NP_001356

MIM

602887

UniProt ID

P78352

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Chromosome Location	17p13.1
Pathway	Activation of Ca-permeable Kainate Receptor, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Axon guidance, organism-specific biosystem; CREB phosphorylation through the activation of CaMKII, organism-specific biosystem; CREB phosphorylation through the activation of Ras, organism-specific biosystem; Cocaine addiction, organism-specific biosystem;
Function	protein C-terminus binding; protein binding; scaffold protein binding;
	