

## Recombinant Human DLG4 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DLG4(1 a.a. - 767 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-767 a.a.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	111.8 kDa
<b>AA Sequence</b>	MSQRPRAPRSALWLLAPPLLRWAPLLTLVHSDLFQALLDILDYEEASLSESQKYRY QDEDTPPLEHSPAHLPNQANSPPVIVNTDTLEAPGYELQVNGTEGEMEYEEITLERG NSGLGFSIAGGTDNPHIGDDPSIFITKIIPGGAAAQDGRRLRVNDSILFVNEVDVREVTH SAAVEALKEAGSIVRLYVMRRKPPAEKVMEIKLIKGPKGLGFSIAGGVGNQHIPG DNS IYVTKIIEGGAHKDGRLQIGDKILAVNSVGLDVMHEDAVAALKNTYDVVYLKVAKP SNAYLSDSYAPPDITTSYSQHL DNEISHSSYLGTDYPTAMTPTSPRRYSPVAKDLLG EEDIPREPRRIVHRGSTGLGFNIVGGEDGE GEFISFILAGGPADLSGELRKGDQILSV NGVDLRNASHEQA AIALKNAGQVTIIAQYKPEEYSRFEAKIHD LREQLMNSSLSGSGT ASLRSNPKRGFYIRALFDYDKTKDCGFLSQALSFRFGDVLHVIDASDEEWWQARRV HSDSETDDIGFIPSKRRVERREWSRLKAKDWGSSSGSQGREDSVLSYETVTQMEV HYARPIIILGPTKDRANDDLLSEFPDKFGSCVPHTTRPKREYEIDGRDYHFVSSREKM EKDIQAHKFIEAGQYN SHLYGTSVQSVREVAEQGKHCILDV SANAVRRLQAAHLHI

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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

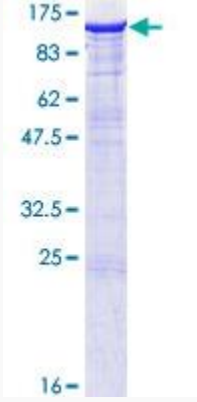
**UniProt ID**

P78352

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<b>Chromosome Location</b>	17p13.1
<b>Pathway</b>	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;
<b>Function</b>	protein C-terminus binding; protein binding; scaffold protein binding;
	

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