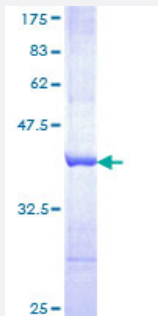


DLG4 (Human) Recombinant Protein (Q01)

Catalog # H00001742-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DLG4 partial ORF (NP_001356, 665 a.a. - 766 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QGKHCILDVSANAVRRLQAAHLHPAIFIRPRSLENVLEINKRITEEQARKAFDRATKLEQEFTECFSAVEGDSFEEMHKVKRVEDLSGPYWVPARER
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — DLG4

Entrez GeneID [1742](#)

GeneBank Accession# [NM_001365](#)

Protein Accession# [NP_001356](#)

Gene Name DLG4

Gene Alias FLJ97752, FLJ98574, PSD95, SAP-90, SAP90

Gene Description discs, large homolog 4 (Drosophila)

Omim ID [602887](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Tax interaction protein 15|discs large homolog 4|post-synaptic density protein 95|synapse-associated protein 90

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Memory](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)