

Recombinant Human DLGAP4 Protein, GST-tagged

Cat. No. DLGAP4-2681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DLGAP4 full-length ORF (NP_892118.1, 1 a.a. - 453 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The product of this gene is a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. It is a signaling molecule that can interact with potassium channels and receptors, as well as other signaling molecules. The protein encoded by this gene can interact with PSD-95 through its guanylate kinase domain and may be involved in clustering PSD-95 in the postsynaptic density region. The encoded protein is one of at least four similar proteins that have been found. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	75.90 kDa
AA Sequence	MALCLELLLKQCSSCLVAYKKTTPPVPPRTTSKPFISVTVQSSTESAQDTYLDSDHK SEVTSQSGLSNSSDSLDSSTRPPSVTRGGVAPAPEAPEPPPKHAALKSEQGTLTSS ESHPEAAPKRKLSSIGIQVDCIQVPKKEEPSATKFKSIGVQVEDDWRSSVPSHMS SRRDTSDDTDQDANDSSCKSSERSLPDCTPHPNISIDAGPRQAPKIAQIKRNLSYGD NSDPALEASSLPPDPWLETSSSSPAEPAQPGACRRDGYWFLKLLQAETERLEGW CCQMDKETKENNLSEEVLGKVL SAVGSAQLLMSQKFQQFRGLCEQNLNPDANPRP

 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

TAQDLAGFWDLLQLSIEDISMKFDELYHLKANSWQLVETPEKRKEEKKPPPPVPKKP
AKSKPAVSRDKASDASDKQRQEARKRLAAKRAASVRQNSATESADSIEIYVPEAQT
RL

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.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DLGAP4 discs, large (Drosophila) homolog-associated protein 4 [Homo sapiens]

Official Symbol

DLGAP4

Synonyms

DLGAP4; discs, large (Drosophila) homolog-associated protein 4; disks large-associated protein 4; DAP4; KIAA0964; SAPAP4; DAP-4; SAPAP-4; PSD-95/SAP90-binding protein 4; disks large associated protein 4; SAP90/PSD-95-associated protein 4; DLP4; RP5-977B1.6; FLJ20588; MGC131862;

Gene ID

22839

mRNA Refseq

NM_001042486

Protein Refseq

NP_001035951

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

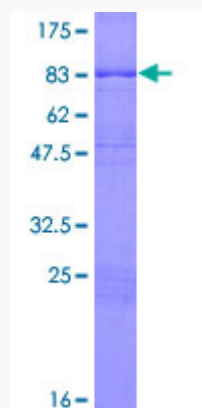
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM 616191

UniProt ID Q9Y2H0

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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