

Datasheet for ABIN7553722
DLGAP4 Protein (AA 1-992) (His tag)



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Overview

Quantity:	1 mg
Target:	DLGAP4
Protein Characteristics:	AA 1-992
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLGAP4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DLGAP4 Protein expressed in mammalian cells.
Sequence:	MKGLGDSRPR HLSDSLDPH EPLFAGTDRN PYLLSPTEAF AREARFPGQN TLPDGLFPL NNQLPPPSST FPRIHYNHF EVPEESPFP HAQATKINRL PANLLDQFEK QLPIHRDGF TLQFPRGEAK ARGESPGRIR HLVHVSQRLF FTKAPSLEGT AGKVGNGSK KGMEDGKGR RAKSKERAKA GEPKRRSRN ISGWSSDDN LDGEAGAFRS SGPASGLMTL GRQAERSQPR YFMHAYNTIS GHMLKTTKNN TTELTAPPPP PAPPATCPSL GVGTDNYYK RGSWSTLTL HAHEVCQKTS ATLDKSLKKS KSCHQGLAYH YLQVPGGGGE WSTLLSPRE TDAAEPI CRRMRSGSYI KAMGDEDSDE SGGSPKPSK TAARRQSYLR ATQQSLGEQS NRRSLDRLD SVDMLLPSKC PSWEEDYTPV SDSLNDSSCI SQIFGQASLI PQLFGHEQV REAELSDQYE AACESACSEA ESTAAETLDL PLPSYFRSRS HSYLRAIQAG CSQEEDSVSL QSLSPPPSTG SLSNSRTLPS SSCLVAYKKT PPPVPPRTTS KPFISVTVQS STESAQDTYL DSQDHKSEVT SQSGLSNSSD SLDSSTRPPS VTRGGVAPAP EAPEPPPKHA ALKSEQGTLT SESHPEAAP KRKLSSIGIQ VDCIQVPKE EPSPATKFQS IGVQVEDDWR SSVPSHSMSS RRDTSDTQD

Product Details

ANDSSCKSSE RSLPDCTPHP NSISIDAGPR QAPKIAQIKR NLSYGDNSDP ALEASSLPPP
DPWLETSSSS PAEPAQPGAC RRDGYWFLKL LQAETERLEG WCCQMDKETK ENNLSEEVLG
KVLSAVGSAQ LLMSQKFQQF RGLCEQNLNP DANPRPTAQD LAGFWDLLQL SIEDISMKFD
ELYHLKANSW QLVETPEKPK EEKKPPPPVP KPKAKSKPAV SRDKASDASD KQRQEARKRL
LAAKRAASVR QNSATESADS IEIYVPEAQT RL **Sequence without tag. The proposed
Purification-Tag is based on experiences with the expression system, a different complexity
of the protein could make another tag necessary. In case you have a special request, please
contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: DLGAP4

Alternative Name: DLGAP4 ([DLGAP4 Products](#))

Background: Disks large-associated protein 4 (DAP-4) (PSD-95/SAP90-binding protein 4) (SAP90/PSD-95-associated protein 4) (SAPAP-4),FUNCTION: May play a role in the molecular organization of synapses and neuronal cell signaling. Could be an adapter protein linking ion channel to the

Target Details

subsynaptic cytoskeleton. May induce enrichment of PSD-95/SAP90 at the plasma membrane.

Molecular Weight: 108.0 kDa

UniProt: [Q9Y2H0](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
