

Datasheet for ABIN7553670
DLGAP1 Protein (AA 1-977) (His tag)



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Overview

Quantity:	1 mg
Target:	DLGAP1
Protein Characteristics:	AA 1-977
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLGAP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DLGAP1 Protein expressed in mammalian cells.
Sequence:	<pre>MKGLSGSRSH HHGVTCDSDSAC DSLSHHSDRK PYLLSPVEHH PADHPYYTQR NSFQAECVGP FSDPLASSTF PRRHYTSQQE LKDECALVPR TLATKANRIP ANLLDQFERQ LPLSRDGYHT LQYKRTAVEH RSDSPGRIRH LVHSVQKLFT KSHSLEGPSK GSVNGGKASP DEQAARYGK RSKSKERRAE PKARPSTSPG WWSSDDNLDG DMCYHAPSG VMTMGRCPCR SASQYFLEAY NTISEQAVKA SRSNNDVKCS TCANLPVSLD TPLLKSAWS STLTVSRARE VYQKASVNMD QAMVKSESCQ QERSCQYLQV PQDEWTGYTP RGKDDEIPCR RMRSGSYIKA MGDEDSGDSD TSPKPSPKVA ARRESYLKAT QPSLTELTTL KISNEHSPKL QIRSHSYLRA VSEVSINRSL DSLDPAGLLT SPKFRSRNES YMRAMSTISQ VSEMEVNGQF ESVCEVFSE LESQAVEALD LPMPGCFRMR SHSYVRAIEK GCSQDDECVS LRSSSPRRTT TTVRTIQSST VSSCITYYKK TPPPVPPRTT TKPFISITAQ SSTESAQDAY MDGQGQRGDI ISQGLSNST ESLDSMKALT AAIEAANAQI HGPASQHMGN NTATVTTTTT IATVTTEDRK KDHFKKNRCL SIGIQVDDAE EPDKTGENKA PSKFQSVGVQ VEEKCFRRF TRSNSVTTAV QADLDFHDNL ENSLESIEDN</pre>

Product Details

SCPGPMARQF SRDASTSTVS IQGSGNHYHA CAADDDFDTD FDPSILPPPD PWIDSITEDP
LEAVQRSVCH RDGHWFLKLL QAERDRMEGW CQMEREERE NNLPEDILGK IRTAVGSAQL
LMAQKFYQFR ELCEENLNPN AHRPTSQDL AGFWDMLQLS IENISMKFDE LHQLKANNWK
QMDPLDKKER RAPPVPKPK AKGPAPLIRE RSLESSQRQE ARKRLMAAKR AASVRQNSAT
ESAESIEIYI PEAQTRL **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: DLGAP1

Alternative Name: DLGAP1 ([DLGAP1 Products](#))

Background: Disks large-associated protein 1 (DAP-1) (Guanylate kinase-associated protein) (hGKAP) (PSD-95/SAP90-binding protein 1) (SAP90/PSD-95-associated protein 1) (SAPAP1),FUNCTION: Part of the postsynaptic scaffold in neuronal cells.

Target Details

Molecular Weight: 108.9 kDa

UniProt: [O14490](#)

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