

Datasheet for ABIN7562042  
**DLGAP4 Protein (AA 1-992) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DLGAP4
Protein Characteristics:	AA 1-992
Origin:	Mouse
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:	<p>MKGLGDSRPR HLSDSLDPH EPLFAGPDRN PYLLSPTAEF AREARFPGQN TLPDGLFPL NNQLPPPSST FPRIHYNHF EVPEESPFPS HAQATKINRL PANLLDQFEK QLPIHRDGF TLQFPRGEAK ARGESPGRIR HLVHVSQRLF FTKAPSMEGT AGKVGNGSK KGGLEDGKGR RAKSKERAKA GEPKRRSRN ISGWSSDDN LDGEGGAFRS GPASGLMTLG RQERTQPRY FMHAYNTISG HMLKTTKNTT TELTAPPPPP APPATCPSLG VGTDTNYVKR GSWSTLTLSH AHEVCQK TSA TLDKSLKSK SCHQGLAYHY LQVPGGGGEW STLLSPRDM DSTAEGPIPC RRMRSGSYIK AMGDESDS GGGSPKPSK TAARRQSYLR ATQQLGEGS NPRSLDRLD SVDMLLPSKC PSWEDDYNPI SDSLNDSSCI SQVFGQASLI PQLFGHDQV READLSDQYE AACESACSEA ESTTAEALDL PLPSYFRSRS HSYLRAIQAG CSQEEDSVSL QSLSPPPSTG SLSNSRTLPS SSCLVAYKKT PPPVPPRTTS KPFISVTVQS STESAQDTYL DSQDHKSEVT SQSGLSNSSD SLDSSTRPPS VTRGGITPGP EAPEPPPKHA ALKSEQTLT SESHSEAIP KRKLSSIGIQ VDCIQVPKE EPSPATKFQS IGIQVEDDWR SSAPSHSMSS RRDTSDTQD</p>

## Product Details

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ANDSSCKSSE RSLPDCTSHQ NSISIDAGPR QAPKIAQIKR NLSYGDNSDP ALEASSLPPP  
DPWLETSSSS PAEPAQPGAC RRDGYWFLKL LQAETERLEG WCCQMDKETK ENNLSEEVLG  
KVLSAVGSAQ LLMSQKFQQF RGLCEQNLNP DANPRPTAQD LAGFWDLLQL SIEDISMKFD  
ELYHLKANSW QLVETPEKPK EEKPPPPVPPV KPKAKSKAAV SRDKASDAGD 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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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Target: DLGAP4

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Alternative Name: Dlgap4 ([DLGAP4 Products](#))

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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

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subsynaptic cytoskeleton. May induce enrichment of PSD-95/SAP90 at the plasma membrane (By similarity). {ECO:0000250}.

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Molecular Weight: 108.0 kDa

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UniProt: [B1AZP2](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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