

Datasheet for ABIN7564123
DLGAP3 Protein (AA 1-977) (His tag)



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Overview

Quantity:	1 mg
Target:	DLGAP3
Protein Characteristics:	AA 1-977
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLGAP3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dlgap3 Protein expressed in mammalian cells.
Sequence:	<p>MRGYHGDRGS HPPARFADQ QHMDVGPAAR APYLLGSREA FSTEPFCAP RAGLGHLSPE GPLSLSEGPS SVGPEGGPGG VGAGGGSSTF PRMYPGQGP DTCEDCVGHP QGKGATRLPP TLLDQFEKQL PVQQDGFHTL PYQRGPAGPG PGPGSAAPE ARSESPSRIR HLVHVSQKLF AKSHSLEAPG KRDYNGPKAD GRGSSGGDSY SGPGSGGTPT SHHHHHHHHH HHHQSRHGKR SKSKDRKGDG RHQTKATGWW SSDDNLSDS GFLGGRPPGE PGGPFCLDAP DGSYRDLFSK GRSGGSEGR LACTGMSMSL DGQSVKRS AW HTMMVSQGRD GYPGAGPGKG LLGPETKAKA RTYHYLQVPQ DDWGGYPTGG KDGEIPCRM RSGSYIKAMG DEESGSDGS PKTSPKALAR RFASRRSSV DTARINCCVP PRIHPRSSIP GYSRSLTTGQ LSEEFNQLE AVCGSVFGEL ESQAVDALDL PGCFRMRSHS YLRAIQAGCS QDDDCLPLLA APASVSRGP SFFNFRKAPP PIPPGSQAPP RISITAQSST DSAHESFTAA EGPARCSSA DGLDGPTMGA RTLELAPVPP RASPKPPTLI IKTIPGREEL RSLARQRKWR PSIGVQVETI SDDSTENRSR REFHSIGVQV EEDKRRARFK RSNSVTAGVQ ADLELEGLAG LATVATEDKA LQFGRSFQRH ASEPQGPRA</p>

Product Details

PTYSVFRTVH TQGQWAYREG YLPLYEPPAT DGSPGPTVP APGPGSGRRD SWMERGSRSL
PDSGRTSPCP RDGEWFIKML RAEVEKLEHW CQQMEREAE YELPEEILEK IRSAVGSTQL
LLSQKVQFF RLCQQSLDPT AFPVPTFQDL AGFWDLLQLS IEDVTLKFLE LQQLKANSWK
LLEPKEEKKV PPIPKKPSR GRGVPVKERS LDSVDRQRQE ARKRLAALKR AASFRHSSAT
ESADSIEIYI 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: DLGAP3

Alternative Name: Dlgap3 ([DLGAP3 Products](#))

Background: Disks large-associated protein 3 (DAP-3) (PSD-95/SAP90-binding protein 3) (SAP90/PSD-95-associated protein 3) (SAPAP3),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 subsynaptic cytoskeleton. May induce enrichment of PSD-95/SAP90 at the plasma membrane.

Target Details

Molecular Weight: 105.9 kDa

UniProt: [Q6PFD5](#)

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