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Datasheet for ABIN7553671

DLGAP2 Protein (AA 1-1054) (His tag)

Overview

Quantity:	1 mg
Target:	DLGAP2
Protein Characteristics:	AA 1-1054
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLGAP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DLGAP2 Protein expressed in mammalian cells.
Sequence:	MGTAQVLPGI LQKHCCILPD RNTESQCTLC GEPEEEEEAGD LVQPGISFPG PAEEDLDPQY SWSPTQHFNE ERYSPAPRSM KGLSGSRTQP PLCSGHTCGL APPEDCEHLH HGPDARPPYL LSPADSCPGG RHRCSRSSV HSECVMPV V LGDHVSSSTF PRMHYSSHYD TRDDCAVAHA GAKINRIPAN LLDQFEKQLP LHRDGFHTLQ YQRTSAAAEQ RSESPGRIRH LVHSVQKLFT KSHSLEGSSK SNANGTKADG RADDHHHAHH AKHSKRKSK ERKPEGKPRP GMSSWWSSDD NLDSDSTYRT PSVLNRHHLG PVAHCYPDAL QSPFGDLSLK TSKSNNDVKC SACEGLALTP DAKYLKRSSW STLTVSQAKE AYRKSSLNLD KPLLHQDAKP ALRPCHYLQV PQDEWGGYPT GGKDEEIPCR RMRSGSYIKA MGDEESGESD SSPKTSPKSA ILPEPLLSI GQRPLGEHQY QTYLQAASDV PVGHSLDPAA NYNSPKFRSR NQSYMRAVST LSQASCVSQV SEAEINGQFE SVCESVFSEV ESQAMDALDL PGCFRTRSHS YLRAIQAGYS QDDECIPMMT PSDITSTIRS TAAVSYTNYK KTPPPVPPRT TSKPLISVTA QSSTESTQDA YQDSRAQRMS PWPQDSRGLY NSTDSLDSNK AMNLALETAA AQRHLPESQS SSVRTSDKAI LVSKAEELLK SRCSSIGIQD

Product Details

SEFPEHQYPY RSDVETATDS DTESRGLREY HSVGQVEDE KRHGFRKRSN SVTAAVQADL
ELEGFPGHIT TEDKGLQFGS SFQRHSEPST PTQYSAVRTV RTQGLFSYRE DYRTQVDTST
LPPDPWLEP AIDTVETGRM SPCRRDGSWF LKLLHAETKR MEGWCKEMER EAEENDLSEE
ILGKIRSAVG SAQLLMSQKF QQFYWLCQQN MDPSAMP RPT SQDLAGYWDM LQLSIEDVSM
KFDELQRLRL NDWKMMESPE RKEERKVPPP IPKKPPKGKF PITREKSLDL PDRQRQEARR
RLMAAKRAAS FRQNSASERA DSIEIYIPEA QTRL **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: DLGAP2

Alternative Name: DLGAP2 ([DLGAP2 Products](#))

Background: Disks large-associated protein 2 (DAP-2) (PSD-95/SAP90-binding protein 2) (SAP90/PSD-95-associated protein 2) (SAPAP2),FUNCTION: May play a role in the molecular organization of

Target Details

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.

Molecular Weight: 117.6 kDa

UniProt: [Q9P1A6](#)

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