

Datasheet for ABIN7554032
GRIP2 Protein (AA 1-1043) (His tag)



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Overview

Quantity:	1 mg
Target:	GRIP2
Protein Characteristics:	AA 1-1043
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRIP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GRIP2 Protein expressed in mammalian cells.
Sequence:	MLCGLSRETP GEADDGPYSK GGKDAGGADV SLACRRQSIP EEFRGITVVE LIKKEGSTLG LTISGGTDKD GKPRVSNLRP GGLAARSDLL NIGDYIRSVN GIHLTRLRHD EIITLLKNVG ERVVLEVEYE LPPPAPENNP RIISKTVDVS LYKEGNSFGF VLRGGAHEDG HKSRLPLVTY VRPGGPADRE GSLKVGDRLL SVDGIPLHGA SHATALATLR QCSHEALFQV EYDVATPDTV ANASGLMVE IVKTPGSALG ISLTTTSLRN KSVITIDRIK PASVVDRSGA LHPGDHILSI DGTSMEHCSL LEATKLLASI SEKVRLEILP VPQSQRPLRP SEAVKVQRSE QLHRWDPCVP SCHSPRPGHC RMPTWATPAG QDQSRSLSST PFSSPTLNHA FSCNNPSTLP RGSQPMSPT TMGRRRQRRR EHKSSLSLAS STVGPGGQIV HTETTEVVLG GDPLSGFGLQ LQGGIFATET LSSPPLVCFI EPDSPAERCG LLQVGDRVLS INGIATEDGT MEEANQLLRD AALAHKVVLE VEFDVAESVI PSSGTFHVKL PKKRSVELGI TISSASRKRK EPLIISDIKK GSAHRTGTL EPGDKLLAID NIRLDNCPME DAVQILRQCE DLVCLKIRKD EDNSDELETT GAVSYTVELK RYGGPLGITI SGTEEPFDPI VISGLTKRGL AERTGAIHVG DRILAINNVS LKGRPLSEAI

Product Details

HLLQVAGETV TLKIKKQLDR PLLPRKSGSL SETSDAEDP ADALKGGLPA ARFSPAVPSV
DSAVESWDSS ATEGGFGGPG SYTPQAAARG TTPQERRPGW LRGSPPTTEP RRTSYTPTPA
DESFPEEEEE DDWEPPTSPA PGPAREEGFW RMFGAELEDL ESCGQSELLR ELEASIMTGT
VQRVALEGRP GHRPWQRGRE VRASPAEMEE LLLPTPLEMH KVTLHKDPMR HDFGFSVSDG
LLEKGVYVHT VRPDGPAHRG GLQPFDRVLQ VNHVTRDFD CCLAVPLLAE AGDVLELIIS
RKPHTAHSSR APRSPGPSSP RML **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: GRIP2

Alternative Name: GRIP2 ([GRIP2 Products](#))

Background: Glutamate receptor-interacting protein 2 (GRIP-2),FUNCTION: May play a role as a localized scaffold for the assembly of a multiprotein signaling complex and as mediator of the trafficking of its binding partners at specific subcellular location in neurons. {ECO:0000250}.

Target Details

Molecular Weight: 112.6 kDa

UniProt: [Q9C0E4](#)

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