

Datasheet for ABIN7554038
GRIP1 Protein (AA 1-1128) (His tag)



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Overview

Quantity:	1 mg
Target:	GRIP1
Protein Characteristics:	AA 1-1128
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GRIP1 Protein expressed in mammalian cells.
Sequence:	MIAVSFKCRC QILRRLTKDE SPYTKSASQT KPPDGALAVR RQSIPEEFKG STVVELMKKE GTTLGLTVSG GIDKDGKPRV SNLRQGIAA RSDQLDVG DY IKA VNGINLA KFRHDEIISL LKNVGERVWL EVEYELPPVS VQGSSVIFRT VEVTLHKEGN TFGFVIRGGA HDDRNKSRPV VITCVRPGGP ADREGTIKPG DRLLSVDGIR LLGTTHAEAM SILKQCGQEA ALLIEYDVSV MDSVATASGP LLVEVAKTPG ASLGVALTTS MCCNKQVIVI DKIKSASIAD RCGALHVG DH ILSIDGTSME YCTLAEATQF LANTTDQVKL EILPHHQTRL ALKGP DHVKI QRSDRQLTWD SWASNHSSLH TNHHYNTYHP DHCRVPALTF PKAPPPNSPP ALVSSSFSP T SMSAYSLSSL NMGTLPRSLY STSPRG TMMR RRLKKKDFKS SLSLASSTVG LAGQVVHTET TEVLTADPV TGFGIQLQGS VFATETLSSP PLISYIEADS PAERCGVLQI GDRVMAINGI PTEDSTFEEA SQLLRDSSIT SKVTLEIEFD VAESVIPSSG TFHVKLPKKH NVELGITISS PSSRKPGDPL VISDIKKG SV AHRTGTLELG DKLLAIDNIR LDNCSMEDAV QILQQCEDLV KLIKIRKDEDN SDEQESSGAI IYTVELKRYG GPLGITISGT EEPFDPIIS SLTKGGLAER TGAIHIGDRI LAINSSSLKG

Product Details

KPLSEAIHLL QMAGETVTLK IKKQTDAQSA SSPKKFPISS HLSDLGDVEE DSSPAQKPGK
LSDMYPSTVP SVDSAVDSWD GSAIDTSYGT QGTSFQASGY NFNTYDWRSP KQRGSLSPVT
KPRSQTYPDV GLSYEDWDRS TASGFAGAAD SAETEQEENF WSQALEDLET CGQSGILREL
EEKADRRVSL RNMTLLATIM SGSTMSLNHE APTPRSQLGR QASFQERSSS RPHYSQTTRS
NTLPDVGGRK SVTLRKMKEIKEIMSPTPV ELHKVTLYKD SDMEDFGFSV ADGLLEKGVY
VKNIRPAGPG DLGGLKPYDR LLQVNHVRTR DFDCCLVVPL IAESGNKLDL VISRNPLASQ
KSIDQQSLPG DWSEQNSAFF QQPSHGGNLE TREPTNTL **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: GRIP1

Alternative Name: GRIP1 ([GRIP1 Products](#))

Background: Glutamate receptor-interacting protein 1 (GRIP-1),FUNCTION: May play a role as a localized

Target Details

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 (PubMed:10197531). Through complex formation with NSG1, GRIA2 and STX12 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting (By similarity). {ECO:0000250|UniProtKB:P97879, ECO:0000269|PubMed:10197531}.

Molecular Weight: 122.4 kDa

UniProt: [Q9Y3R0](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

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