

Datasheet for ABIN7564871
GRIP1 Protein (AA 1-1127) (His tag)



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Overview

Quantity:	1 mg
Target:	GRIP1
Protein Characteristics:	AA 1-1127
Origin:	Mouse
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:	<p>MIAVSFKRC QILRRLTKDE SPYTKSASQT KPPDGALAVR RQSIPEEFKG STVVELMKKE GTTLGLTVSG GIDKDGKPRV SNLRQGIAA RSDQLDVG DY IKA VNGINLA KFRHDEIISL LKNVGERVVL EVEYELPPVS VQGSSVMFRT VEVTLHKEGN TFGFVIRGGA HDDRNKSRPV VITCVRPGGP ADREGTIKPG DRLLSVDGIR LLGTTHAEAM SILKQCGQEA TLLIEYDVSV MDSVATASGP LLVEVAKTPG ASLGVALTTS VCCNKQVIVI DKIKSASIASD RCGALHVG D H ILSIDGTSME YCTLAEATQF LANTTDQVKL EILPHHQTRL ALKGP D HVKI QRSDRQH PWD AWASNQCGVH TNHHHNTYHP DHCRVPALTF PKALPPNSPP AMVPSSSPTS MSAYSLSSLN MGTLP RSLYS TSPRG TMMRR RLK K KDFKSS LSLASSTVGL AGQV VHTETT EVVLTADPVT GFGIQLQGSV FATETLSSPP LISYIEADSP AERCGVLQIG DRVMAINGIP TEDSTFEAN QLLRDSSITS KVTLEIEFDV AESVIPSSGT FHVKLPPKHS VELGITISSP SSRKPGDPLV ISDIKGSVA HRTGTLELGD KLLAIDNIRL DNCSMEDAVQ ILQQCEDLVK LKIRKDEDNS DEQESSGAI YTVELKRYGG PLGITISGTE EPFDPIISS LTKGGLAERT GAIHIGDRIL AINSSSLK GK</p>

Product Details

PLSEAIHLLQ MAGETVTLKI KKQTDAQSAS SPKKFPIPGH SGDLGDGEED PSPIQKPGKL
SDAYPSTVPS VDSAVDSWDG SGIDASYGSQ GSTFQTSGYN YNTYDWRSPK QRTSLSPVPK
PRSQTYPDVG LSNEDWDRST ASGFVGASDS ADAEQEENFW SQALEDLETG GQSGILRELE
EKADRRVSLR NMTLLATIMS GSTMSLNHEA PMARSQGRQ ASFQERSSSR PHYSQTTRSN
TLPDVGGRKS VTLRKMKEI KEIMSPTPVE LHKVTLYKDS GMEDFGFSVA DGLLEKGVVY
KNIRPAGPGD VGGLKPYDRL LQVNHVTRRD FDCCLVPLI AESGNKLDLV ISRNPLASQK
SIEQPALPSD WSEQNSAFFQ QPSHGGNLET REPTNTL **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 (By similarity). 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, ECO:0000250|UniProtKB:P97879}.

Molecular Weight: 122.1 kDa

UniProt: [Q925T6](#)

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