

Datasheet for ABIN7554051

GRID2IP Protein (AA 1-1211) (His tag)



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Overview

Quantity:	1 mg
Target:	GRID2IP
Protein Characteristics:	AA 1-1211
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRID2IP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GRID2IP Protein expressed in mammalian cells.
Sequence:	MATTATPATN QGWPEDFGFR LGGSGPCFVL EVAKGSSAHA GGLRPGDQIL EVEGLAVGGL SRERLVRLAR RCPRVPPSLG VLPAPDGGPG PGSGPAAPTT VLRAPRCGRG LALGRELLRL AGRKRPDVAVH RERRRKAQEF SRKVDEILGD QPTAKEQVFA ALKQFAAEQR VDDLVTTLTL ALPREACGPL LDNLRIFIPK KHRARFDEVV SQGLLGKLCR ARRAQGAQRL RRSRSEERPE RLLVSTRASA PPRRPDEPPP RRASLLVGGL AGPGGARRTV RVYKGNKSFG FTLRGHGPVW IESVLPGSPA DNAALKSGDR ILFLNGLDMR NCSHDKVVSM LQGSGAMPTL VVEEGLVPFA SDSDSLDSPN PSSALTSQW VAEILPSSIR VQGRFSSQQL EHLLTPPERY GVCRALESFF QHRNIDTLIV DVYPVLDTPA KQVLWQFIYQ LLTYEEQELC QEKIACFLGY TAMTAEPEPE LDLESEPTPE PQPRSSLRAS SMCRRSLRSQ GLEAGLSCGP SECPEMPLPL IPGERQAGDG TSLPETPNPK MMSAVYAELE SRLNSSFKGK MGTVSKSRAS PPGPSPAVTT GPRTLSGVSW PSERLLPSPC YHPLCSGGLA SPSSSESHPY ASLDSSRAPSPQPGPGPICP DSPPSPDPTR

PPSRRKLFTF SHPVRSRDTD RFLDVLSEQL GPRVTIVDDF LTPENDYEEM SFHDDQGSFV
TNERSSASDC ISSSEEGSSL TYSSISDHIP PPPLSPPPPP PLPFHDAKPS SRSSDGSRGP
AQALAKPLTQ LSHPVPPPPP PPLPPVPCA PPMLSRGLGH RRSETSHMSV KRLRWEQVEN
SEGTIWGQLG ESDYDKLSD MVKYLDLELH FGTQKPAKPV PGPEPFRKKE VVEILSHKKA
YNTSILLAHL KLSPAELRQV LMSMEPRRLE PAHLAQLLLF APDADEEQRY QAFREAPGRL
SEPDQFVLQM LSVPEYKTRL RSLHFQATLQ EKTEEIRGSL ECLRQASLEL KNSRKLAKIL
EFVLAMGNYL NDGQPKTNKT TGFKINFLTE LNSTKTVDGK STFLHILAKS LSQHFPELLG
FAQDLPTVPL AAKVNQRALT SDLADLHGTI SEIQDACQSI SPSSSEDKFAM VMSSFLETAQ
PALRALDGLQ REAMEELGKA LAFFGEDSKA TTSEAFFGIF AEFMSKFERA LSDLQAGEGL
RSSGMVSPLA W **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.**

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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	GRID2IP
Alternative Name:	GRID2IP (GRID2IP Products)
Background:	Delphinin (Glutamate receptor, ionotropic, delta 2-interacting protein 1),FUNCTION: Postsynaptic

Target Details

	scaffolding protein at the parallel fiber-Purkinje cell synapse, where it may serve to link GRID2 with actin cytoskeleton and various signaling molecules. {ECO:0000250}.
Molecular Weight:	132.3 kDa
UniProt:	A4D2P6
Pathways:	Synaptic Membrane

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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