

Datasheet for ABIN7563620

GRID2IP Protein (AA 1-1203) (His tag)



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Overview

Quantity:	1 mg
Target:	GRID2IP
Protein Characteristics:	AA 1-1203
Origin:	Mouse
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 mammalien cells.
Sequence:	MPATNQGWPE DFGFQLGGSG PCFVIEVAEG SSAHAGGLRP GDQILEVEGL AVGGLSRERI VRLARRCPRV PPSLGVLP GP EGGPTALTAA WLTRRFGRSL PLSRELLRLA GGPRPDVHR ERRRKAQEF S CQVDDILGDR LTAKEQVFTA LKQFAAEQRV DELVWTLTLV LPSEAQGPVL DNLRIFIPKK HRARFDEVVS QGLLGKLCRA RRAQGAQRLR RSRSEERPER LLVSTRASAA PRRPDEPPPR KATSLGGR T GPGGPRRTVR VYKGNKSFGF TLRGHGPVWI ESVLPGSPA E NASLKSGDRI LFLNGLDMRN CSHDKVVSML QGSGAMPTLV VEEGPVPFAS DSDSLDSPTR ASALTSLQWV ADILPSSIRV QGRFSSQQLD HLLTPPERYG VCRALEFFQ HRNIDTLIVD VYPVLDTPAK QVLWQFLYQL LTYEEQELCQ EKIACFLGYT AMTEPESSLD LEPESTPEPT PEPQPRSSLR ASSMCRRSLR SQGLETSLS C GPGDCPEMPL PLIPGERQAG DGTSLPETPN PKMMSAVYAE LESRLNSSFK GKIGTMSKSR ASPPVPSLVG TSGPRTL SGV SWPSDRLLPS PCYDPLCSGG LASSSSSESH PYASLDSSRA PSPQPGLGSI HADSPSPDP IRPPSRRKLF

AFSRPVRSRD TDRFLDALSE QLGPRLSIVD DFLTPENDYE EMSFHDDQGS FVTNERSSAS
ECVSSSEEGS SLTYSSISDH IPPPPLSPPP PPPLPFHDPK PSSRTSDGPR GPPQSLTKPL
TQINHPVPPP PPPPLPPPVP CAPPMLSRGV GHRRSETSHM SVKRLRWEQV ENSEGTIWGQ
LGEDSDYDKL SDMVKYLDLE LHFGTQKPPK PVPGPEPFRK KEVVEILSHK KAYNTSILLA
HLKLTGELR QVLMSMEPRR LEPAHLAQLL LFAPDADEEQ RYQAFREAPG RLSEPDQFVL
QMLSVPEYKT RLRLHFQAT LQEKTEEIRG SLECLRQASL ELKNSRKLAK ILEFVLAMGN
YLNDGQPKTN KTTGFKINFL TELNSTKTVD GKSTFLHILA KSLSQHPEL LGFAQDLPTV
PLAAKVNQRA LTGDLADLHD TVSEIQVACQ SMAPSSSEDRF AVVMASFLET AQPALRALDG
LQREAMEELG KALAFFGDS KATTSEAFFG IFSEFMSKFE RALSDLQAGD GPRSSGMVSP LAW

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:	Delphilin (Glutamate receptor, ionotropic, delta 2-interacting protein 1),FUNCTION: Postsynaptic

Target Details

	scaffolding protein at the Purkinje cell synapse, where it may serve to link GRID2 with actin cytoskeleton and various signaling molecules.
Molecular Weight:	132.0 kDa
UniProt:	Q0QWG9
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