

Recombinant Human GRID2IP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GRID2IP-3620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GRID2IP MS Standard C13 and N15-labeled recombinant protein (NP_001138590) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Glutamate receptor delta-2 (GRID2) is predominantly expressed at parallel fiber-Purkinje cell postsynapses and plays crucial roles in synaptogenesis and synaptic plasticity. GRID2IP1 interacts with GRID2 and may control GRID2 signaling in Purkinje cells.
Molecular Mass	132.1 kDa
AA Sequence	MATTATPATNQGWPEDFGFRLGGSGPCFVLEVAKGSSAHAGGLRPGDQILEVEGL AVGGLSRERLVLARRCPRVPPSLGVLPAPDGGPGPGSGPAAPTTLRAPRCGRG LALGRELLRLAGRKRPDAVHRERRRKAQEF SRKVDEILGDQPTAKEQVFAALKQFA AEQRVDDLVTLTALPREACGPLLDNLRIFIPKKHRARFDEVVSQGLLGKLCRARR AQGAQRLRRSRSEERPERLLVSTRASAPRRRPDEPPRRASLLVGGLAGPGGARR TVRVYKGNKSFGFTLRGHGPVWIESVLPGSPADNAALKSGDRILFLNGLDMRNC SH DKVVSMLQGSGAMPTLVVEEGLVPFASDSLSLSPNPSSALTSLQWVAEILPSSIRV QGRTFSQQLEHLLTPPERYGVCRALESFFQHRNIDTLIVDVYPVLDTPAKQVLWQFI YQLITYEEQELCQEKIACFLGYTAMTAEPEPELDLESEPTPEPQPRSSLRASSMCRR

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SLRSQGLEAGLSCGPSECEMPLPLIPGERQAGDGTSLPETPNPKMMSAVYAELES
 RLNSSFKGKMGTVSKSRASPPGPSPAVTTGPRTLSGVSWPSERLLPSPCYHPLCS
 GGLASPSSSESHPYASLDSSRAPSPQPGPGPICPDSPSPDPTRPPSRRKLFTFSH
 PVRSDTDRFLDVLSEQLGPRVTIVDDFLTpendyeemsfHDDQGSFVTNERSSAS
 DCISSEEGSSLTYSSISDHIPPPPLSPPPPPPLPFHDAKPSSRSSDGSRGPAQALAK
 PLTQLSHPVPPPPPPPLPPVPCAPPMLSRGLGHRRSETSHMSVKRLRWEQVENS
 EGTIWGQLGEDSDYDKLSDMVKYLDLELHFGTQKPAKPVPGPPEPFRKKEVVEILSHK
 KAYNTSILLAHLKLSPAELRQVLMSEPRRLEPAHLAQLLLFAPDADEEQRYQAFRE
 APGRLSEPDQFVLQMLSVPEYKTRLRSLHFQATLQEKTTEEIRGSLECLRQASLELKN
 SRKLAKILEFVLAMGNYLNDGQPKTNKTTGFKINFLTELNSTKTVDGKSTFLHILAKSL
 SQHFPELLGFAQDLPTVPLAAKVNQRALTSDLADLHGTISEIQDACQSISPSSSEDKFA
 MVMSSFLETAQPALRALDGLQREAMEELGKALAFFGEDSKATTSEAFFGIFAEFMSK
 FERALSDLQAGEGLRSSGMVSPLAWTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GRID2IP Grid2 interacting protein [Homo sapiens (human)]

Official Symbol GRID2IP

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Synonyms	GRID2IP; Grid2 interacting protein; DELPHILIN; delphilin; glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein 1; glutamate receptor, ionotropic, delta 2-interacting protein 1
Gene ID	392862
mRNA Refseq	NM_001145118
Protein Refseq	NP_001138590
MIM	610639
UniProt ID	A4D2P6
SDS-PAGE	