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 AVGGLSRERLVRLARRCPRVPPSLGVLPAPDGGPGPGSGPAAPTTVLRAPRCGRG LALGRELLRLAGRKRPDAVHRERRRKAQEFSRKVDEILGDQPTAKEQVFAALKQFA AEQRVDDLVWTLTLALPREACGPLLDNLRIFIPKKHRARFDEVVSQGLLGKLCRARR AQGAQRLRRSRSEERPERLLVSTRASAPPRRPDEPPPRRASLLVGGLAGPGGARR TVRVYKGNKSFGFTLRGHGPVWIESVLPGSPADNAALKSGDRILFLNGLDMRNCSH DKVVSMLQGSGAMPTLVVEEGLVPFASDSDSLDSPNPSSALTSLQWVAEILPSSIRV QGRTFSQQLEHLLTPPERYGVCRALESFFQHRNIDTLIVDVYPVLDTPAKQVLWQFI YQLLTYEEQELCQEKIACFLGYTAMTAEPEPELDLESEPTPEPQPRSSLRASSMCRR

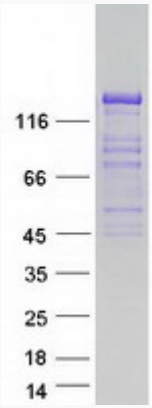
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SLRSQGLEAGLSCGPSECPEMPLPLIPGERQAGDGTSLPETPNPKMMSAVYAELES RLNSSFKGKMGTVSKSRASPPGPSPAVTTGPRTLSGVSWPSERLLPSPCYHPLCS GGLASPSSSESHPYASLDSSRAPSPQPGPGPICPDSPPSPDPTRPPSRRKLFTFSH PVRSRDTDRFLDVLSEQLGPRVTIVDDFLTPENDYEEMSFHDDQGSFVTNERSSAS DCISSSEEGSSLTYSSISDHIPPPPLSPPPPPPLPFHDAKPSSRSSDGSRGPAQALAK PLTQLSHPVPPPPPPPLPPPVPCAPPMLSRGLGHRRSETSHMSVKRLRWEQVENS EGTIWGQLGEDSDYDKLSDMVKYLDLELHFGTQKPAKPVPGPEPFRKKEVVEILSHK KAYNTSILLAHLKLSPAELRQVLMSMEPRRLEPAHLAQLLLFAPDADEEQRYQAFRE APGRLSEPDQFVLQMLSVPEYKTRLRSLHFQATLQEKTEEIRGSLECLRQASLELKN SRKLAKILEFVLAMGNYLNDGQPKTNKTTGFKINFLTELNSTKTVDGKSTFLHILAKSL SQHFPELLGFAQDLPTVPLAAKVNQRALTSDLADLHGTISEIQDACQSISPSSEDKFA 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	

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