

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
 AVGGLSRERLRLARRCPRVPPSLGVLPAPDGGPGPGSGPAAPTTLRAPRCGRG
 LALGRELLRLAGRKRPDVHRERRRKAQEF SRKVDEILGDQPTAKEQVFAALKQFA
 AEQRVDDLVTLLALPREACGPLLDNLRIFIPKKHRARFDEVVSQGLLGKLCRARR
 AQGAQRLRRSRSEERPERLLVSTRASAPRRPDEPPRRASLLVGGLAGPGGARR
 TVRVYKGNKSFGFTLRGHGPVWIESVLPGSPADNAALKSGDRILFLNGLDMRNC SH
 DKVVSMLQGSGAMPTLVVEEGLVPFASDSDSLDSPNPSSALTSLQWVAEILPSSIRV
 QGRTFSQQLEHLLTPPERYGVCRALESFFQHRNIDTLIVDVYPVLDTPAKQVLWQFI
 YQLLYEEQELCQEKIACFLGYTAMTAEPEPELDLESEPTPEPQPRSSLRASSMCRR

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SLRSQGLEAGLSCGPSECEMPLPLIPGERQAGDGTSLPETPNPKMMSAVYAELES
 RLNSSFKGKMGTVSKSRASPPGPPSPAVTTGPRTLSGVSWPSEKLLPSPCYHPLCS
 GGLASPSSSESHPYASLDSSRAPSPQPGGPICPDSPPSPDPTRPPSRRLFTFSH
 PVRSDTDRFLDVLSEQLGPRVTIVDDFLTPENDYEEEMSFHDDQGSFVTNERSSAS
 DCISSSEEGSSLTYSISDHIPPPPLSPPPPPPLPFHDAKPSSRSDGSRGPAQALAK
 PLTQLSHPVPPPPPPPLPPVPCAPPMLSRGLGHRRSETSHMSVKRLRWEQVENS
 EGTIWGQLGEDSDYDKLSDMVKYLDLELHFGTQKPAKVPVGPEPFRKKEVVEILSHK
 KAYNTSILLAHLKLSPAELRQVLMSEPRRLEPAHLAQLLLFAPDADEEQRYQAFRE
 APGRLSEPDQFVLQMLSVPEYKTRLRSLHFQATLQEKTEEIRGSLECLRQASLELKN
 SRKLAKILEFVLAMGNYLNDGQPKTNKTTGFKINFLTELNSTKTVDGKSTFLHILAKSL
 SQHFPELLGFAQDLPTVPLAAKVNQRALTSDLADLHGTISEIQDACQSISPSSDKFA
 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](#)

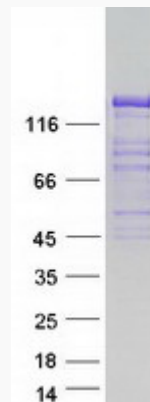
mRNA Refseq [NM_001145118](#)

Protein Refseq [NP_001138590](#)

MIM [610639](#)

UniProt ID [A4D2P6](#)

SDS-PAGE



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