

Product datasheet for **TP327339M**

GRID2IP (NM_001145118) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein (GRID2IP), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227339 representing NM_001145118 Red =Cloning site Green =Tags(s)

MATTATPATNQGWPEDFGFRLLGGSGPCFVLEVAKGSSAHAGGLRPGDQILEVEGLAVGGLSRERLVLRLAR
RCPRVPPSLGVLPA PDGGPGPGSGPAAPTTVLRAPRCGRGLALGRELLRLAGRKRPDAVHRERRRKAQEF
SRKVDEILGDQPTAKEQVFAALKQFAAEQRVDDLVTLLTALPREACGPLLDNLRIFIPKKHRARFDEVV
SQGLLGKLCRARRAQAQRLRRSRSEERPERLLVSTRASAPRRRPDEPPRRASLLVGGLAGPGGARRTV
RVYKGNKSFGFTLRGHGPVWIESVLP GSPADNAALKSGDRILFLNGLDMRNCSDHKVSMQLQSGGAMPT
L
VVEEGLVPFASDSDSLDSPNPSSALTSLQWVAEILPSSIRVQGRFTSQQLLEHLLTPPERYGVCRALLESFF
QHRNIDTLIVDVYPVLDTPAKQVLWQFIYQLLTYYEEQELCQEKIACFLGYTAMTAEPEPELDLESEPTPE
PQPRSSLRASSMCRRSLRSQGLEAGLSCGPSECEMPLPLIPGERQAGDGTSLPETPNPKMMSAVYAELE
SRLNSSFKGKMGTVSKSRASPPGPSPAVTTGPRTLSGVSWPSERLLPSPCYHPLCSGGLASPSSESHPY
ASLDSSRAPSPQPGPGPICPDSPSPDPTRPPSRRKLFTSHPVRSRDTDRFLDLVSEQLGPRVTIVDDF
LTPENDYEEMSFHDDQGSFVTNERSSASDCISSSEEGSSLTYSISDHIPPPPLSPPPPPPLPFHDAKPS
SRSSDGSRGPAQALAKPLTQLSHPVPPPPPPPLPPVPVPCAPPMLSRGLGHRRSETSHMSVKRLRWEQVE
N
SEGTIWGQLGEDSDYDKLSDMVKYLDLELHFGTQKPAKPVPGPPEPFRKKEVVEILSHKKAYNTSILLAHL
KLSPAELRQVLMSMEPRRLEPAHLAQLLLFAPDADEEQRYQAFREAPGRLSEPDQFVLQMLSVPYKTRL
RSLHFQATLQEKTEEIRGSLECLRQASLELKNSRKLAKILEFVLAMGNYLNDGQPKTNKTTGFKINFLTE
LNSTKTVDGKSTFLHILAKSLSQHFPELLGFAQDLPTVPLAAKVNQRALTSDLADLHGTISEIQDACQSI
SPSSEDKFAMVMSSFLETAQPALRALDGLQREAMEELGKALAFFGEDSKATTSEAFFGIFAEFMSKFERA
LSDLQAGEGLRSSGMVSP LAW

TRTRPLE**QKLISEEDLA**AND**ILDYKDDDDKV**

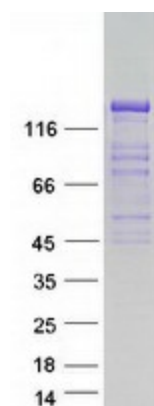
Tag:	C-Myc/DDK
Predicted MW:	132.1 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001138590</u>
Locus ID:	392862
UniProt ID:	<u>A4D2P6</u>
Cytogenetics:	7p22.1
RefSeq ORF:	3633
Synonyms:	DELPHILIN
Summary:	Glutamate receptor delta-2 (GRID2; MIM 602368) 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 (Matsuda et al., 2006 [PubMed 16835239]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified GRID2IP protein (Cat# [TP327339]). The protein was produced from HEK293T cells transfected with GRID2IP cDNA clone (Cat# [RC227339]) using MegaTran 2.0 (Cat# [TT210002]).