

Product datasheet for **TP516794**

Grid2ip (NM_001159321) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein 1 (Grid2ip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216794 representing NM_001159321 Red =Cloning site Green =Tags(s)
	MPATNQGWPEDFGFQLGGSGPCFVIEVAEGSSAHAGGLRPGDQILEVEGLAVGGLSRERIVRLARRCPRV PPSLGVLPGEGGPTALTAAWLTRRFGRLPLSRELLRLAGGPRPDVHRERRRKAQEFSCQVDDILGDR LTAKEQVFTALKQFAAEQRVDELVWTLTLVLPSEAQGPVLDNLRIFIPKKHRARFDEVVSQGLLGKLCRA RRAQGAQRLRRSRSEERPERLLVSTRASAAPRRPDEPPPRKATSLGGRTGPGGPRRTVRVYKGNKSFGF TLRGHGPVWIESVLPGSPAENASLKS GDRILFLNGLDMRNC SHDKVVSMLQGSGAMPTLVVEEGVPVFA S DSDSLDSPTRASALTS LQWVADILPSSIRVQGR TFSQQLDHLLTPPERYGVCRALERFFQHRNIDTLIVD VYPVLDTPAKQVLWQFLYQLLTYEEQELCQEKIACFLGYTAMTEPSSLDLEPESTPEPTPEPQPRSSLR ASSMCRSLRSQGLETS LSCGPGDCPEMPLPLIPGERQAGDGTSLPETPNPKMMSAVYAELESRLNSSFK GKIGTMSKSRASPPVPSLVGTSGPRTL SGVSWPSDRLLPSPCYDPLCSGGLASPSSESHPYASLDSSRA PSPQPGLGSIHADSPSPDPIRPPSRRKLF AFSRPVRSRDTDRFLDALSEQLGPRLSIVDDFLT PENDYE EMSFHDDQGSFVTNERSSASECVSSSEEGSSLTYSISDHIPPPPLSPPPPPPLPFHDPKPSRTSDGPR GPPQSLTKPLTQINHPVPPPPPPPLPPVPCAPPMLSRGVGHRRSETSHMSVKRLRWEQVENSEGTIWG Q LGEDSDYDKLSDMVKYLDLELHFGTQKPPKPVPGPPEPFRKKEV EILSHKKAYNTSILL AHLKLTPGELR QVLMSMEPRRLEPAHLAQLLLFAPDADEEQRYQAFREAPGR LSEP DQFVLQMLSVP EYKTRLSLHFQAT LQEKTEEIRGSLECLRQASLELKNSRKLAKILEFVLAMGN YLNDGQPKTNKTTGFKINFLTELNSTKTVD GKSTFLHILAKSLSQHFP ELLGFAQDLPTVPLAAKVNQRALTGD LADLHDTVSEIQVACQSMAPSS EDRF AVVMASFLETAQPALRALDGLQREAMEELGKALAFFGEDSKATTSEAFFGIFSEFMSKFERALSDLQAGD GPRSSGMVSPLAW

TRTRPLE**Q**KLISEEDLA**AND**ILDYKDDDDKV

Tag: C-MYC/DDK



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Predicted MW:	132 kDa
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
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 after receiving vials.
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_001152793</u>
Locus ID:	170935
UniProt ID:	<u>Q0QWG9</u>
RefSeq Size:	3825
Cytogenetics:	5 G2
RefSeq ORF:	3609
Summary:	Postsynaptic scaffolding protein at the Purkinje cell synapse, where it may serve to link GRID2 with actin cytoskeleton and various signaling molecules.[UniProtKB/Swiss-Prot Function]