

Product datasheet for TP522216

Gphn (NM_145965) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse gephyrin (Gphn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR222216 protein sequence
Red=Cloning site **Green**=Tags(s)

MATEGMILTNHDHQIRVGVLTVSDSCFRNLAEDRSGINLKDLVQDPSLLGGTISAYKIVPDEIEEIKETL
IDWCDEKELNLLTTGGTGFAPRDVTPEATKEVIEREAPGMALMLMGSLNVTPLGMLSRPVCGIRGKTL
IINLPGSKKGSQECFQFILPALPHAIDLRRDAIVKVKEVHDELEDLPSPPPPLSPPTTSPHKQTEDKGV
QCEEEEEKDSGVASTEDSSSSHITAAALAAKKHPFYTSPALFMANHGQPIPLISYSHHATGSADKRI
PDSIISRGVQVLPRTASLSTTPSESPRAQATSRLSTASCPTPKVQSRCSSKENILRASHSAVDITKVAR
RHRMSPFPLTSMDFAFITVLEMTPLVLTGTEIINRDGMGRVLAQDVYAKDNLPPFPASVKDGYAVRAADGP
GDRFIIGESQAGEQPTQTVMPGQVMRVTTGAPIPCGADAVVQVEDTELIRESDDGTEELEVRLVQARPG
QDIRPIGHDIKRGECVLAAGTHMGPSEIGLLATVGVTEVEVNKFPVAVMSTGNELNLPEDDLLPGKIRD
SNRSTLLATIQEHGYPTINLIVGDNPDLLNALNEGISRADVIITSGGVSMGEKDYKQVLDIDLHAQI
HFGRVFMKPLPTTFATLDIDGVRKIIFALPGNPVSAVTCNLFVVPALRKMVGILDRPTTIKARLSCD
VKLDRPEYHRCILTWHHQEPLPWAQSTGNQMSSRLMSMRANGLLMLPPKTEQYVELHKGEVVDVMVIG
RL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 83.7 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.



[View online >](#)

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:	NP_666077
Locus ID:	268566
UniProt ID:	A0JNY3
RefSeq Size:	3316
Cytogenetics:	12 C3
RefSeq ORF:	2319
Synonyms:	5730552E08Rik; AI662856; BC027112; C230040D23; geph; GPH; GPHRYN
Summary:	Microtubule-associated protein involved in membrane protein-cytoskeleton interactions. It is thought to anchor the inhibitory glycine receptor (GLYR) to subsynaptic microtubules. Catalyzes two steps in the biosynthesis of the molybdenum cofactor. In the first step, molybdopterin is adenylated. Subsequently, molybdate is inserted into adenylated molybdopterin and AMP is released.[UniProtKB/Swiss-Prot Function]