

## Product datasheet for TP521974

### Gripap1 (NM\_207670) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse GRIP1 associated protein 1 (Gripap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221974 representing NM_207670 Red=Cloning site Green=Tags(s)

MAQALSEEEFQRMQTQLLELRTNNYQLSDELKNGVELSSLRQKVAYLDKEFSKAQKALSKSKKAQEVEV  
LLENEMQLAKLHSQEEDFRLQNSTLMAEFSKLCSQLELELENRQLKEGVPGAAGAHVDGELLRLQAEN  
TALQKNMAALQERYGKEAVRPSAVGEGQDPPGDVLPPLAPMPLAEVELKWEMEREEKLLWEQLQGLE  
SSKQAETSRLQEELAKLSEKLLKKKQESFCRLQTEKETLFNDSRNKIEELQQRKEADLKAQLARTQKLQQE  
LEANQSLAELRDQRQGERLEHAAALRALQDQIQTAKTQELNMLREQTSELASELQHRQAEYEELMGQKD  
DLNSQLQESLRANSRLLLEQLQEIGQEKEQLTQDLQEARSAEKRVMLDELAMETLQEKSQHKEELGAVR  
LRHEKELLGVRARYERELRELHEDKKRQEEELRGQIREEKARTRELENLQHTVEELQAQVHSMGDGAGWF  
ERRLKEAEESLQQQQEQEETLKLCEEHAAELKKGKDEELQNVREQLQQAQEERDGHVKTISNLKQEVKD  
TVDGQRILEKKGSAVLKDLKRQLHLERKRADKLQERLQEILTNSKSRTGLEELVLSEMNSPSRTQTGDSS  
SVSSFSYREILKEKESAIPARSLSSPQAQPPRPAELSDVEAEELFQRLAETQEQEKWMLKVKHLEVS  
SASMAEDLCRKSIIETVYVMDSRIDVSVAAAGHTDRSGLGSVLRDLVKPGDENLREMNNKLQNMLEEQLTK  
NMHLHKDMEVLSQEIVRLSKECVGSPDPDLEPGEAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	92.7 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_997553</a>
<b>Locus ID:</b>	54645
<b>UniProt ID:</b>	<a href="#">Q8VD04</a> , <a href="#">A2AEW8</a>
<b>RefSeq Size:</b>	2928
<b>Cytogenetics:</b>	X 3.51 cM
<b>RefSeq ORF:</b>	2418
<b>Synonyms:</b>	AI854681; DXImx47e; GRASP-1; mKIAA1167; Sfc10
<b>Summary:</b>	Regulates the endosomal recycling back to the neuronal plasma membrane, possibly by connecting early and late recycling endosomal domains and promoting segregation of recycling endosomes from early endosomal membranes. Involved in the localization of recycling endosomes to dendritic spines, thereby playing a role in the maintenance of dendritic spine morphology. Required for the activity-induced AMPA receptor recycling to dendrite membranes and for long-term potentiation and synaptic plasticity (By similarity).[UniProtKB/Swiss-Prot Function]