

Product datasheet for **TP506108**

Rgp1 (NM_172866) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB6A GEF complex partner 1 (Rgp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206108 protein sequence Red =Cloning site Green =Tags(s)

MIEVAELSRGPVFLAGEALECVWTVTNPLPPTATSASSEALAWASAQIHCQFHASESRVALPPPDSSQP
DVQPDSQTVFLPHRGERGQCILSTPPKILFCDLRLDPGESKSYSYSEVLPTGPPSFRGQSVKYVYKLT
GCQRVNSPITLLRVPLRVLVTGLQDVHFPQDEAVAPSSPFLEEDDSGKKDSWLAELAGERLMAATSCRS
LHLYNISDGRGKVGTFGIFKSVYRLGEDVWGTNLNLEGTVACLQFSVSLQTEERVQPEYQRRRGTGVAPS
VSHVTHARHQESCLHTTRTSFSLPIPLCSTPGFCTAIVSLKWRLHFEFVTSREPLVLLPPLEQPEPATW
TGPEQVPVDTFSWDLPIKVLPTSPTLVSYAAPGPSTSSITI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.5 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:	NP_766454
Locus ID:	242406
UniProt ID:	Q8BHT7



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RefSeq Size: 5868

Cytogenetics: 4 A5

RefSeq ORF: 1173

Synonyms: 1110029E03Rik; AI527196; F730001J03; mKIAA0258

Summary: The RIC1-RGP1 complex acts as a guanine nucleotide exchange factor (GEF), which activates RAB6A by exchanging bound GDP for free GTP and may thereby required for efficient fusion of endosome-derived vesicles with the Golgi compartment. The RIC1-RGP1 complex participates in the recycling of mannose-6-phosphate receptors.[UniProtKB/Swiss-Prot Function]