

Product datasheet for **TP502883**

Ggps1 (BC006798) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse geranylgeranyl diphosphate synthase 1 (cDNA clone MGC:11417 IMAGE:2651229), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202883 protein sequence Red =Cloning site Green =Tags(s)
	MEKTKEKAERILLEPYRYLLQLPGKQVRSKLSQAFNHWLKVPEDKLQIIIEVTEMLHNASLLIDIEDSS KLRRGFPVAHSIYGVPVINSANYVYFLGLEKVLTDHPDAVKLFTRQLLELHQGGGLDIYWRDITYCPT EEEYKAMVLQKTGGLFGLAVGLMQLFSDYKEDLKPLD TLGLFFQIRDDYANLHSKEYSENKSFCDLTE GKFSFPTIHAIWSRPESTQVSLTMQF
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	27.3 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.
Locus ID:	14593
UniProt ID:	Q9WTN0
RefSeq Size:	2268



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Cytogenetics:	13 5.29 cM
RefSeq ORF:	708
Synonyms:	9530089B04Rik, 1810026C22Rik
Summary:	Catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins. [UniProtKB/Swiss-Prot Function]