

Product datasheet for **TP507272**

Gopc (NM_053187) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse golgi associated PDZ and coiled-coil motif containing (Gopc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207272 representing NM_053187
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSAGGPCPAGAGGGPGGSSCPVGVSPGGVSMFRWLEVLKEFDKAFVDVDDLLLGEIDPDQADITYEGRQK
MTSLSSCFAQLCHKAQTVSQINHKLEAQLVDLRSLETQAEKVVLEKEVHEQLLQLHSTQLQLHAKTGQ
SVDSGAIKAKLERELEANKTEKVKEARLEAEVKLLRKENEALRRHIAVLQAEVYGARLAAKYLDKELAGR
VQQIQLGRDMKGP AHDKLWNQLEAEIHLHRHKT VIRACRGRNDLKRPMQAPP GHDQDSLKKSQGVGPIR
KVL LKEDHEGLGISITGGKEHGVPI LSEIHPGQPADRCGGLHVGDA IAVNGVNL RD TKHKEAVTILS
QQRGEIEFEVYVAPEVDSDDENVEYEDESGHRYRLYLDELEGGNSGASCKDSSGEMKMLQGYNKKA VR
DAHENG DVGAAGESPLDDTAARAAHLHSLHQKKAY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.8 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_444417
Locus ID:	94221



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UniProt ID:	<u>Q8BH60</u>
RefSeq Size:	4295
Cytogenetics:	10 B3
RefSeq ORF:	1365
Synonyms:	2210402P09Rik; AI844555; CAL; FIG; GOPC1; PIST
Summary:	Plays a role in intracellular protein trafficking and degradation. May regulate CFTR chloride currents and acid-induced ASIC3 currents by modulating cell surface expression of both channels. May also regulate the intracellular trafficking of the ADR1B receptor. May play a role in autophagy. Overexpression results in CFTR intracellular retention and degradation in the lysosomes.[UniProtKB/Swiss-Prot Function]