

Product datasheet for TP505392

Gnao1 (NM_010308) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanine nucleotide binding protein, alpha O (Gnao1), transcript variant A, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205392 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGCTLSAEERAALERSKAIEKNLKEDGISAADKDKLLLLGAGESGKSTIVKQMKIIHEDGFSGEDVKQYK PVVYSNTIQSLAAIVRAMDTLGVEYGDKERKTDKMKVCDVSRMEDTEPFSAELLSAMMRLWGDGSIQEC FNRSREYQLNDSAKYYLDSLDRIGAGDYQPTEQDILRTRVKTGIVETHFTFKNLHFRLFDVGGQRSEK KWIHCFEDVTAIFCVALSQYDQVLHEDETTNRMHESLMLFDSICNKKFFIDTSIILFLNKKDLFGEKIK KSPLTICFPEYPGSNTYEDAAAYIQTFESKNRSPNKEIYCHMTCATDTNNIQVVFDAVTDIIIANNLRG CGLY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	40.1 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_034438
Locus ID:	14681
UniProt ID:	P18872 , Q543S2



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RefSeq Size:	2968
Cytogenetics:	8 45.94 cM
RefSeq ORF:	1065
Synonyms:	alphaO; AW050213; Galphao; Gnao
Summary:	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Stimulated by RGS14. The G(o) protein function is not clear.[UniProtKB/Swiss-Prot Function]