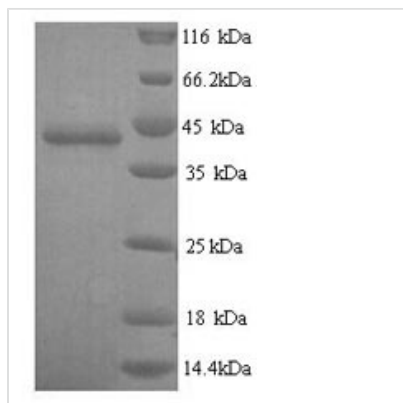




Recombinant Mouse Guanine nucleotide-binding protein G (o) subunit alpha (Gnao1)

Product Code	CSB-YP009593MO
Relevance	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.
Abbreviation	Recombinant Mouse Gnao1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P18872
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GCTLSAEERAALERSKAIEKNLKEDGISAADVKLLLLLGAGESGKSTIVKQMKII HEDGFSGEDVKQYKPVVYSNTIQSLAAIVRAMDTLGVEYGDKERKTDSKMVC DVVSRMEDTEPFSAELLSAMMRLWGDSGIQECFNRSREYQLNDSAKYYLDSL DRIGAGDYQPTEQDILRTRVKTTGIVETHFTFKNLHFRLFDVGGQRSEKWKI CFEDVTAIFCVALSGYDQVLHEDETTNRMHESLMLFDSICNNKFFIDTSIILFLN KKDLFGEEKIKKSPLTICFPEYPGSNTYEDAAAYIQTFESKNRSPNKEIYCHMT CATDTNNIQVVFDAVTDIIANNLRGCGLY
Research Area	Others
Source	Yeast
Target Names	Gnao1
Protein Names	Recommended name: Guanine nucleotide-binding protein G(o) subunit alpha
Expression Region	2-354aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	42.0kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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