

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

Catalog No: #AP72575

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Package Size: #AP72575-1 20ug #AP72575-2 100ug #AP72575-3 1mg

Description

Product Name	Recombinant mouse Guanine nucleotide-binding protein G(o) subunit alpha
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-354aaSequence Info:Full Length
Accession No.	P18872
Uniprot	P18872
GeneID	14681;
Calculated MW	42 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GCTLSAEERAALERSKAIEKNLKEDGISA AKDVKLLLLGAGESGKSTIVKQMKIIHEDGFSGEDVKQYKPVVYSN TIQSLAAIVRAMDTLGV EYGDKERKTD SKMVCDVVS RMEDTEPFSAELLSAMMRLWGD SGIQECFNRSREYQ LNDSAKYYLDSLDRIGAGDYQPTEQDILRTRVKT TGIVETHFTFKNLHFRLFDVGGQRSEK KWIHC FEDVTAII FCVALSGYDQVLHEDETTNRMHESLMLFDSICNNKFFIDTSIILFNKKDLFGEKIKKSPLTICFPEYPGSNTYED AAAYIQTFESKNRSPNKEIYCHMT CATDTNNIQVVFD AVTDIIIANNLRGCGLY
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Alternative splicing produces transcripts encoding two forms of the alpha subunit of GTP-binding protein Go.Strathmann M., Wilkie T.M., Simon M.I.Proc. Natl. Acad. Sci. U.S.A. 87:6477-6481(1990)Research Topic:Others

Note: This product is for in vitro research use only