

Recombinant Mouse Gnao1 Protein, Myc/DDK-tagged

Cat. No. Gnao1-3257M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanine nucleotide binding protein, alpha O (Gnao1), transcript variant A, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	40.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Gnao1 guanine nucleotide binding protein, alpha O [Mus musculus (house mouse)]
Official Symbol	Gnao1
Synonyms	GNAO1; guanine nucleotide binding protein, alpha O; guanine nucleotide-binding protein G(o) subunit alpha; Go alpha; GTP-binding protein alpha-o subunit; Gnao; alphaO; Galphao; AW050213
Gene ID	14681
mRNA Refseq	NM_010308
Protein Refseq	NP_034438
UniProt ID	P18872

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