

Recombinant Mouse Gnao1 protein, His-tagged

Cat. No. Gnao1-2975M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gnao1 protein(P18872)(2-354aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	2-354aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44 kDa
AA Sequence	GCTLSAEERAALERSKAIEKNLKEDGISAADVKLLLLGAGESGKSTIVKQMKIIHEDG FSGEDVKQYKPVVYSNTIQSLAAIVRAMDTLGVEYGDKERKTDSKMVCDVVS RMEDETEPFSAELLSAMMRLWGDGSIQECFNRSREYQLNDSAKYYLDSLDRIGAGDYQ PTEQDILRTRVKTTGIVETHFTFKNLHFRLFDVGGQRSEKRWIHCFCEDVTAIIFCVALSGY DQVLHEDETTNRMHESLMLFDSICNNKFFIDTSIILFLNKKDLFGEKIKKSPLTICFPEY PGSNTYEDAAAYIQTQFESKNRSPNKEIYCHMTCATDTNNIQVVFDAVTDIIIANNLR GCGLY
Purity	Greater than 90% as determined by SDS-PAGE.

 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

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name [Gnao1 guanine nucleotide binding protein, alpha O \[Mus musculus \]](#)

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_001113384](#)

Protein Refseq [NP_001106855](#)

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