

## Recombinant Mouse Gnao1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	40.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## 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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