

Recombinant Mouse Gnat2 Protein, MYC/DDK-tagged

Cat. No. Gnat2-1029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse guanine nucleotide binding protein, alpha transducing 2 (Gnat2), with C-terminal MYC/DDK tag, was 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. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase.
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.

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GENE INFORMATION

Gene Name	Gnat2 guanine nucleotide binding protein, alpha transducing 2 [Mus musculus (house mouse)]
Official Symbol	Gnat2
Synonyms	Gnat2; guanine nucleotide binding protein, alpha transducing 2; Gt-2; Gnat-2; Tcalpha; AW490837; guanine nucleotide-binding protein G(t) subunit alpha-2; transducin alpha-2 chain
Gene ID	14686
mRNA Refseq	NM_008141
Protein Refseq	NP_032167
UniProt ID	P50149

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