

Recombinant Mouse Gng8 Protein, MYC/DDK-tagged

Cat. No. Gng8-1039M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse guanine nucleotide binding protein (G protein), gamma 8 (Gng8), 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 a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. This subunit may have a very specific role in the development and turnover of olfactory and vomeronasal neurons.
Molecular Mass	7.8 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Gng8 guanine nucleotide binding protein (G protein), gamma 8 [Mus musculus (house mouse)]

Official Symbol Gng8

Synonyms Gng8; guanine nucleotide binding protein (G protein), gamma 8; G(y)8; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-8; gamma-9; guanine nucleotide binding protein (G protein), gamma 8 subunit

Gene ID 14709

mRNA Refseq NM_010320

Protein Refseq NP_034450

UniProt ID P63078

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