

## Recombinant Mouse Gngt1 Protein, MYC/DDK-tagged

**Cat. No.** Gngt1-1031M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1 (Gngt1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	8.5 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 g/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

<b>Gene Name</b>	Gngt1 guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gngt1
<b>Synonyms</b>	Gngt1; guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1; Gng1; G(y)1; guanine nucleotide-binding protein G(T) subunit gamma-T1; guanine nucleotide binding protein (G protein), gamma 1 subunit; transducin gamma chain
<b>Gene ID</b>	14699
<b>mRNA Refseq</b>	NM_010314
<b>Protein Refseq</b>	NP_034444
<b>UniProt ID</b>	Q61012

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