

## Recombinant Mouse Gng4 Protein, MYC/DDK-tagged

**Cat. No.** Gng4-1036M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse guanine nucleotide binding protein (G protein), gamma 4 (Gng4), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes the gamma subunit of the heterotrimeric G-proteins that are comprised of alpha, beta and gamma subunits. Upon activation by G protein-coupled receptors, the beta-gamma heterodimer dissociates from the alpha subunit to activate downstream signaling events. Alternate splicing results in multiple transcript variants.
<b>Molecular Mass</b>	8.4 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>	Gng4 guanine nucleotide binding protein (G protein), gamma 4 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gng4
<b>Synonyms</b>	Gng4; guanine nucleotide binding protein (G protein), gamma 4; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4
<b>Gene ID</b>	14706
<b>mRNA Refseq</b>	NM_010317
<b>Protein Refseq</b>	NP_034447
<b>UniProt ID</b>	P50153

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