Recombinant Mouse Gng12 Protein, MYC/DDK-tagged

Cat. No. Gng12-1033M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse guanine nucleotide binding protein (G protein), gamma 12 (Gng12), 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.
Molecular Mass	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 g/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	Gng12 guanine nucleotide binding protein (G protein), gamma 12 [Mus musculus (house mouse)]
Official Symbol	Gng12
Synonyms	Gng12; guanine nucleotide binding protein (G protein), gamma 12; AA536815; AI115529; AI314170; AI842738; 2010305F15Rik; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12
Gene ID	14701
mRNA Refseq	NM_025278
Protein Refseq	NP_079554
UniProt ID	Q9DAS9

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