

Recombinant Mouse Gngt2 Protein, MYC/DDK-tagged

Cat. No. Gngt2-1040M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2 (Gngt2), 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	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 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Gngt2 guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2 [Mus musculus (house mouse)]
Official Symbol	Gngt2
Synonyms	Gngt2; guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2; AV096488; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-T2; G-gamma-8; g gamma-C; guanine nucleotide binding protein (G protein), gamma transducing polypeptide 2
Gene ID	14710
mRNA Refseq	NM_001038664
Protein Refseq	NP_001033753
UniProt ID	Q61017

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