

Recombinant Mouse Gna12 protein, His&Myc-tagged

Cat. No. Gna12-4277M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gna12 protein(P27600)(1-379aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-379aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	51.5 kDa
AA Sequence	MSGVVRTLRSRCLLP AEAGARERRAGAARDAEREARRRSRDIDALLARERRAVRRLV KILLLGAGESGKSTFLKQMRIIHGREFDQKALLEFRDTIFDNILKGSRVLVDARDKLG I PWQHSENEKHGMFLMAFENKAGLPVEPATFQLYVPALSALWRDSGIREAFSRRSEF QLGESVKYFLDNLDRIQQLNYFPSKQDILLARKATKGIVEHDFVIKKIPFKMVDVGGQ RSQRQKWFQCFDGITSILFMVSSSEYDQVLMEDRRTNRLVESMNIFETIVNNKLFN VSIILFLNKMDLLVEKVKSVSIKKHFPDFKGDPHRLEDVQRYLVQCFCDRKRRNRSKPL FHHFTTAIDTENIRFVFHAVKDTILQENLKDIMLQ
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name Gna12 guanine nucleotide binding protein, alpha 12 [*Mus musculus*]

Official Symbol Gna12

Synonyms GNA12; guanine nucleotide binding protein, alpha 12; guanine nucleotide-binding protein subunit alpha-12; g alpha-12; G-protein subunit alpha-12; AI414047; AI504261; Galpha12; MGC130498;

Gene ID 14673

mRNA Refseq NM_010302

Protein Refseq NP_034432

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