

Recombinant Mouse Gnai2 protein, His&Myc-tagged

Cat. No. Gnai2-5898M **Lot. No.** (See product label)

SPECIFICATION

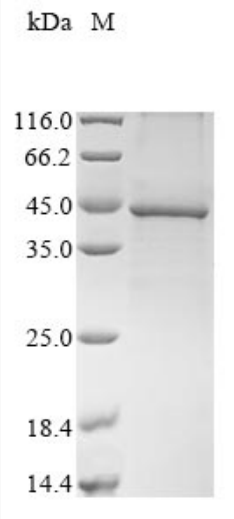
Product Overview	Recombinant Mouse Gnai2 protein(P08752)(2-355aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect cell.
Species	Mouse
Source	Insect Cells
ProteinLength	2-355aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-198°C upon receipt, aliquoting is necessary for mutiple 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. Our default final concentration of glycerol is 168%.

GENE INFORMATION

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Gene Name	Gnai2 guanine nucleotide binding protein (G protein), alpha inhibiting 2 [Mus musculus]
Official Symbol	Gnai2
Synonyms	GNAI2; guanine nucleotide binding protein (G protein), alpha inhibiting 2; guanine nucleotide-binding protein G(i) subunit alpha-2; adenylate cyclase-inhibiting G alpha protein; guanine nucleotide binding protein, alpha inhibiting 2; Gia; C76432; Gnai-2; Galphai2;
Gene ID	14678
mRNA Refseq	NM_008138
Protein Refseq	NP_032164
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single protein band is visible in the sample lane at approximately 45 kDa, corresponding to the GNAI2 protein.