

## Recombinant Human GNAI2 protein, His-tagged

Cat. No. GNAI2-7152H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GNAI2 protein(1-355 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-355 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AASequence</b>	MGCTVSAEDKAAAERSKMIDKNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKIIH EDGYSEEECRQYRAVVYSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLFALSCTA EEQGVLPDDLSGVIRRLWADHGVQACFGRSREYQLNDSAAYYLNDLERIAQSDYIP TQQDVLTRTRVKTGIVETHFTFKDLHFKMFVGGQRSEKRWIHCFEGVTAIIFCVL SAYDLVLAEDEEMNRMHESMKLFD SICNNKWFTDTSIILFLNKKDLFEKITHSPLTIC FPEYTGANKYDEAASYIQSKFEDLNKRKDTKEIYTHFTCATDTKNVQFVFDVAVTDVVIK NNLKDCGLF
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name**

GNAI2 guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2 [ Homo sapiens ]

**Official Symbol**

GNAI2

**Synonyms**

GNAI2; guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2; GNAI2B; guanine nucleotide-binding protein G(i) subunit alpha-2; GIP; GTP binding regulatory protein Gi alpha 2 chain; adenylate cyclase-inhibiting G alpha protein; GTP-binding regulatory protein Gi alpha-2 chain; guanine nucleotide-binding protein G(i), alpha-2 subunit; H\_LUCA15.1; H\_LUCA16.1;

**Gene ID**

2771

**mRNA Refseq**

NM\_001166425

**Protein Refseq**

NP\_001159897

**MIM**

139360

**UniProt ID**

P04899

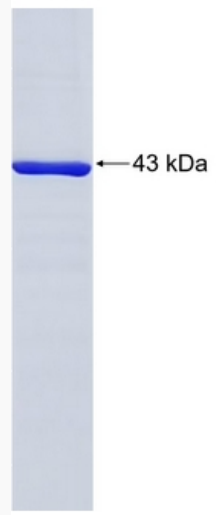
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SDS-PAGE



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