

Recombinant Full Length Human GNAI2 Protein, GST-tagged

Cat. No. GNAI2-5323HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GNAI2 full-length ORF (AAH16995, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	339 amino acids
Description	The protein encoded by this gene is an alpha subunit of guanine nucleotide binding proteins (G proteins). The encoded protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
Molecular Mass	62.81 kDa
AA Sequence	MEYAGHLPASSAQQGTILACTSCTGAGESGKSTIVKQMKIIHEDGYSEEECRQYRAVV YSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLFALSCTAEEQGVLPDDLSGVIRRL WADHGVQACFGRSREYQLNDSAAYYLNDLERIAQSDYIPTQQDVLTRVKTGGIVET HFTFKDLHFKMFDVGGQRSERKKWIHCFCFEGVTAIIFCVALSAYDLVLAEDEEMNRMH ESMKLFDSICNNKWFTDTSIILFLNKKDLFEEKITHSPLTICFPEYTGANKYDEAASYIQ SKFEDLNKRKDTKEIYTHFTCATDTKNVQVFVDAVTDVVIKNNLKDCGLF
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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UniProt ID

P04899

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