

Recombinant Human GNAI2 Protein, GST-tagged

Cat. No. GNAI2-5042H 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	Wheat Germ
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	MEYAGHLPASSAQQGTLACTSCTGAGESGKSTIVKQMKIIHEDGYSEEECRQYRAVV YSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLFALSCTAEEQGVLPDDLSGVIRRL WADHGVQACFGRSREYQLNDSAAYYLNDLERIAQSDYIPTQQDVLRTVKTGGIVET HFTFKDLHFKMFVGGQRSERKKWIHC FEGVTAIIFCVALSAYDLVLAEDEEMNRMH ESMKLFD SICNNKWFTDTSIILFLNKKDLFEKITHSPLTICFPEYTGANKYDEAASYIQ SKFEDLNKRKDTKEIYTHFTCATDTKNVQVFVDAVTDVIIKNNLKDCGLF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 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

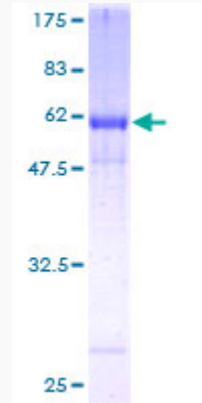
	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GNAI2 guanine 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
UniProt ID	P04899

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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