

# Recombinant Full Length Human GNAI3 Protein, GST-tagged

Cat. No. GNAI3-5325HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GNAI3 full-length ORF ( AAH25285.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	354 amino acids
<b>Description</b>	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes an alpha subunit and belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway. [provided by RefSeq, Jun 2012]
<b>Molecular Mass</b>	64.68 kDa
<b>AA Sequence</b>	MGCTLSAEDKAAVERSKMIDRNLRDGEKAAKEVKLLLLGAGESGKSTIVKQMKIIHE DGYSEDECKQYKVVVYSNTIQSIIAIRAMGRLKIDFGAARADDARQLFVLGSAEE GVMTPELAGVIKRLWRDGGVQACFSRSREYQLNDSASYLNDLDRISQSNIPTQQ DVLRLTRVKTGIVETHFTFKDLYFKMFDVGGQRSEKRWIHCFEVGTAIIFCVALS DY DLVLAEDEEMNRMHESMKLFDSICNNKWFETETSIIILFLNKKDLFEKIKRSPLTICYPE YTGSNTYEEAAAYIQCFEDLNRRKDTKEIYTHFTCATDTKNVQVFVDAVTDVVIKNN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	LKECGLY
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GNAI3 guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3 [ Homo sapiens ]
<b>Official Symbol</b>	GNAI3
<b>Synonyms</b>	GNAI3; guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3; guanine nucleotide-binding protein G(k) subunit alpha; 87U6; g(i) alpha-3; FLJ26559;
<b>Gene ID</b>	2773
<b>mRNA Refseq</b>	NM_006496
<b>Protein Refseq</b>	NP_006487
<b>MIM</b>	139370

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P08754

☎ Tel: 1-631-559-9269 1-516-512-3133

☎ Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) ☎ Fax: 1-631-938-8127

☎ 45-1 Ramsey Road, Shirley, NY 11967, USA