

Datasheet for ABIN1098399

**GNAI2 Protein (full length) (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	GNAI2
Protein Characteristics:	full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAI2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Purification:	purified by chromatography
Purity:	> 90 % by SDS - PAGE

## Target Details

Target:	GNAI2
Alternative Name:	GNAI2 ( <a href="#">GNAI2 Products</a> )
Background:	<p>GNAI2 is an alpha subunit of guanine nucleotide binding proteins (G proteins). The 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 detected for this gene, but the full-length nature of only two are known so far. Recombinant human GNAI2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using</p>

Target Details

	conventional chromatography techniques.
Molecular Weight:	42 kDa (375aa) confirmed by MALDI-TOF
NCBI Accession:	<a href="#">NP_002061</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

Application Details

Comment:	Synonyms: Guanine nucleotide-binding protein G(i) subunit alpha-2, GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol
Storage:	4 °C
Storage Comment:	Avoid repeated freezing and thawing cycles.

Images

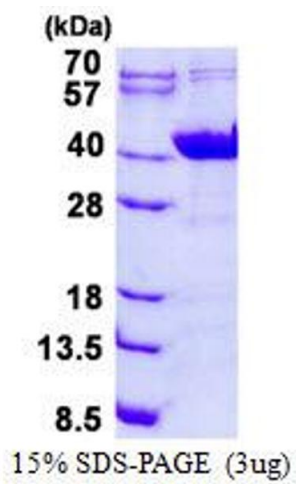


Image 1.