

Recombinant Human GNAI1 Protein, MYC/DDK-tagged

Cat. No. GNAI1-1952H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human GNAI1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	Guanine nucleotide binding proteins are heterotrimeric signal-transducing molecules consisting of alpha, beta, and gamma subunits. The alpha subunit binds guanine nucleotide, can hydrolyze GTP, and can interact with other proteins. The protein encoded by this gene represents the alpha subunit of an inhibitory complex. The encoded protein is part of a complex that responds to beta-adrenergic signals by inhibiting adenylate cyclase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	GNAI1 guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1 [Homo sapiens]
Official Symbol	GNAI1
Synonyms	Gi
Gene ID	2770
mRNA Refseq	NM_001256414
Protein Refseq	NP_001243343
MIM	139310
UniProt ID	P63096

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