

Recombinant Human GNAI1 protein, His&Myc-tagged

Cat. No. GNAI1-5743H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNAI1 protein(P63096)(2-354aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-354a.a.
Tag	His&Myc
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.7 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

GCTLSAEDKAAVERSKMIDRNLRDGEKAAREVKLLLLGAGESGKSTIVKQMKIIHEA
 GYSEEECKQYKAVVYSNTIQSIIAIRAMGRLKIDFGDSARADDARQLFVLGAAEEG
 FMTAELAGVIKRLWKDSGVQACFNRSREYQLNDSAAYYLNDLDRIAQPNIPTQQD
 VLRTRVKTGTGIVETHFTFKDLHFKMFDVGGQRSERKKWIHCFCFEGVTAIIFCVALSDDYD
 LVLAEDEEMNRMHESMKLFDSSICNNKWFTDTSIILFLNKKDLFEEKIKKSPLTICYPEY
 AGSNTYEEAAAYIQCQFEDLNKRKDTKEIYTHFTCATDTKNVQFVFDAVTDVIKNNL
 KDCGLF

GENE INFORMATION

Gene Name	GNAI1 guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1 [Homo sapiens]
Official Symbol	GNAI1
Synonyms	GNAI1; guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1; guanine nucleotide-binding protein G(i) subunit alpha-1; Gi1 protein alpha subunit; adenylate cyclase-inhibiting G alpha protein; Gi;
Gene ID	2770
mRNA Refseq	NM_001256414
Protein Refseq	NP_001243343
MIM	139310
UniProt ID	P63096

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