

GNAI2 recombinant protein

GNAI2, Active

CATALOG # AAA73583	HOST E Coli	APPLICATIONS ELISA
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PRODUCT SYNONYMS

GNAI2; Active; GIP; GNAI2B; H_LUCA15.1; H_LUCA16.1; GNAI2 recombinant protein

PRODUCT SPECIFICATIONS

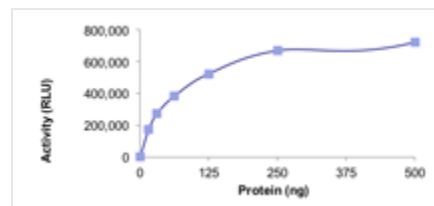
Host	E Coli
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for GNAI2 recombinant protein	ELISA
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for GNAI2 recombinant protein	Recombinant human GNAI2 (2-end) was expressed in E Coli cells using an N-terminal GST tag. The gene of GNAI2 accession number is NM_002070. Guanine nucleotide-binding proteins (G proteins) are heterotrimeric signal-transducing molecules consisting of alpha, beta, and gamma subunits, and function as transducers downstream of G protein-coupled receptors (GPCRs) in numerous signaling cascades. The alpha subunit binds guanine nucleotide, can hydrolyze GTP, and can interact with other proteins. G protein subunit alpha i2 (GNAI2) regulates cellular viability and migration and plays roles in a wide range of hormone signaling.
Product Categories/Family for GNAI2 recombinant protein	GTPases & ATPases; AKT/PKB Pathway; Cancer; Cardiovascular Disease; ERK/MAPK Pathway; Inflammation; Invasion/Metastasis; Metabolic Disorder; Neurobiology

References

1. Neves SR, et al: G protein pathways. Science. 2002 May 31; 296(5573):1636-9.
2. Raymond JR Jr, et al: Suppression of GNAI2 message in ovarian cancer. J Ovarian Res. 2014 Jan 14;7:6. doi:10.1186 /1757-2215-7-6.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002070
Molecular Weight	65kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/gnai2-recombinant-protein-e-coli-elisa/73583>