

Guanine nucleotide-binding protein G (i) subunit alpha-2 (Gnai2) Recombinant Protein | Gnai2 recombinant protein

Recombinant Mouse Guanine nucleotide-binding protein G (i) subunit alpha-2 (Gnai2)

CATALOG #
AAA113580

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Guanine nucleotide-binding protein G (i) subunit alpha-2 (Gnai2); Recombinant Mouse Guanine nucleotide-binding protein G (i) subunit alpha-2 (Gnai2); Gnai2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-355, Full length protein
Sequence	GCTVSAEDKA AAERSKMIDK NLREDGEKAA REVKLLLLGA GESGKSTIVK QMKIIHEDGY SEEECRQYRA VVYSNTIQSI MAIVKAMGNL QIDFADPQRA DDARQLFALS CAAEEQGMLP EDLSGVIRRL WADHGVQACF GRSREYQLND SAAYYLNDLE RIAQSDYIPT QQDVLRTVRK TTGIVETHFT FKDLHFKMFD VGGQRSEKKG WIHCFEGVTA IIFCVALSAY DLVLADEEM NRMHESMKLF DSICNNKWFT DTSIILFLNK KDLFEKITQ SSLTICFPEY TGANKYDEAA SYIQSKFEDL NKRKDTKEIY THFTCATDTK NVQFVFDVAVT DVIKNNLKD CGLF
Sequence Length	354
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Gnai2 recombinant protein	This protein is an alpha subunit of guanine nucleotide binding proteins (G proteins). The encoded 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41054806
NCBI GeneID	14678
NCBI Accession #	NP_032164.2
NCBI GenBank Nucleotide #	NM_008138.4
UniProt Accession #	P08752; Q3TXK7; Q6P1C0
Molecular Weight	40,489 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(i) subunit alpha-2
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), alpha inhibiting 2

NCBI Official Symbol	Gnai2
NCBI Official Synonym Symbols	Gia; C76432; Gnai-2; Galphai2
NCBI Protein Information	guanine nucleotide-binding protein G(i) subunit alpha-2
UniProt Protein Name	Guanine nucleotide-binding protein G(i) subunit alpha-2
UniProt Gene Name	Gnai2
UniProt Synonym Gene Names	Gnai-2

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://stage.aaabiotech.com/gnai2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113580>