

Guanine nucleotide-binding protein G (t) subunit alpha-2 (GNAT2) Recombinant Protein | GNAT2 recombinant protein

Recombinant Bovine Guanine nucleotide-binding protein G (t) subunit alpha-2 (GNAT2)

CATALOG # AAA81719	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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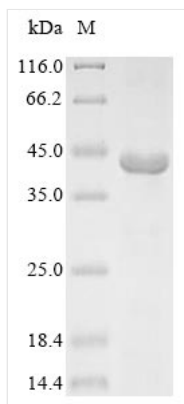
PRODUCT SYNONYMS

Guanine nucleotide-binding protein G (t) subunit alpha-2 (GNAT2); Recombinant Bovine Guanine nucleotide-binding protein G (t) subunit alpha-2 (GNAT2); GNAT2 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	2-354aa; Full Length of Mature Protein
Sequence	GSGASAEDKE LAKRSKELEK KLQEDADKEA KTVKLLLLGA GESGKSTIVK QMKIIHQDGY SPEECLEYKA IYGNVLQSI LAIRAMPTL GIDYAEVSCV DNGRQLNNLA DSIEEGTMPP ELVEVIRKLW KDGGVQACFD RAAEYQLNDS ASYYLNQLDR ITAPDYLPNE QDVLRSRVKT TGIETKFSV KDLNFRMFDV GGQRSERKKW IHC FEGVTCI IFCAALSAYD MVLVEDDEVN RMHESLHLFN SICNHKFFAA TSIVLFLNKK DLFEKIKKV HLSICFPEYD GNNSYEDAGN YIKSQFLDLN MRKDVKEIYS HMTCATDTQN VKFVFDAVTD IIIKENLKDC GLF
Species	Bos taurus (Bovine)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GNAT2 recombinant protein	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase.
Product Categories/Family for GNAT2 recombinant protein	Neuroscience
References	"Sequence of the alpha subunit of photoreceptor G protein: homologies between transducin, ras, and elongation factors." Lochrie M.A., Hurley J.B., Simon M.I. Science 228:96-99(1985)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27805891
NCBI GeneID	281795
NCBI Accession #	NP_776751.1
NCBI GenBank Nucleotide #	NM_174326.2
UniProt Accession #	P04696
Molecular Weight	44.0 kDa
NCBI Official Full Name	guanine nucleotide-binding protein G(t) subunit alpha-2
NCBI Official Synonym Full Names	G protein subunit alpha transducin 2
NCBI Official Symbol	GNAT2
NCBI Protein Information	guanine nucleotide-binding protein G(t) subunit alpha-2
UniProt Protein Name	Guanine nucleotide-binding protein G(t) subunit alpha-2
UniProt Gene Name	GNAT2

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/gnat2-recombinant-protein-e-coli/81719>