

Recombinant Bovine GNAT2 Protein (2-354 aa), His-tagged

Cat. No. GNAT2-2424B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine GNAT2 Protein (2-354 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length of Mature Protein.
Species	Bovine
Source	E.coli
ProteinLength	2-354 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.0 kDa
AA Sequence	GSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQD GYSPEECLEYKAIYGNVLQSILAIIRAMPTLGIDYAEVSCVDNGRQLNNLADSIEGT MPPELVEVIRKLWKDGGVQACFDRAAEYQLNDSASYLNLQDLRITAPDYL PNEQDV LRSRVKTTGIIETKFSVKDLNFRMFDVGGQRSEKRWIHC FEGVTCIIFCAALSAYDM VLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKKVHLSICFPEYD GNNSYEDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDVAVTDIIKENLK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	DCGLF
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

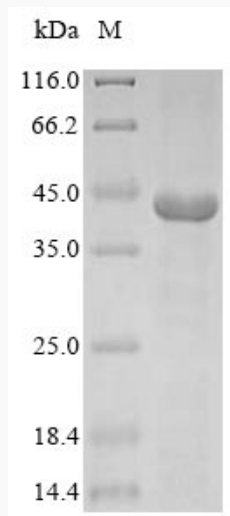
GENE INFORMATION

Gene Name	GNAT2 G protein subunit alpha transducin 2 [Bos taurus (cattle)]
Official Symbol	GNAT2
Synonyms	GNAT2;
Gene ID	281795
mRNA Refseq	NM_174326
Protein Refseq	NP_776751
UniProt ID	P04696

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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