

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Bovine
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-354 aa
<b>Description</b>	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.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	44.0 kDa
<b>AA Sequence</b>	GSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQD GYSPEECLEYKAIYGNVLQSI LAIIRAMPTLGIDYAEVSCVDNQRQLNNLADSIEGT MPPELVEVIRKLWKDGGVQACFDRAAEYQLNDSASYLNLQDLDRITAPDYLPNEQDV LRSRVKTTGIIETKFSVKDLNFRMFVGGQRSEKRWIHC FEGVTCTIIFCAALSAYDM VLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEKIKKVHLSICFPEYD GNNSYEDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKVFVDAVTDIIKENLK

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	DCGLF
<b>Purity</b>	> 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	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.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

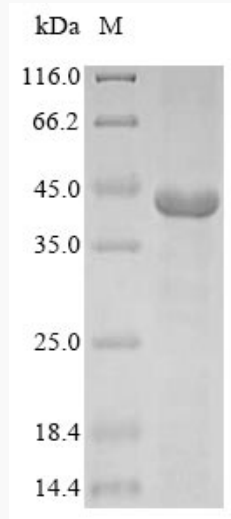
## GENE INFORMATION

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

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

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