



Recombinant Bovine GNAT2 Protein Product Manual

1. Product Basic Information

Product No.: REP07002

Protein Name: Transducin Alpha-2 Chain (GNAT2)

Aliases: HG1D; ACHM4; GNATC; transducin alpha-2 chain; cone-type transducin alpha subunit

UniProt ID: P19087

UniProt Link: <https://www.uniprot.org/uniprotkb/P19087/entry>

Species Source: Bos taurus (Bovine)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-354aa)

Molecular Weight: 44.0 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-354aa)

GSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQ
DGYSPEECLEYKAIYGNVLQSILAIIRAMPTLGIDYAEVSCVDNGRQLNNLADSIEEG
TMPPELVEVIRKLWKDGGVQACFDRAAEYQLNDSASYLNLQDLRITAPDYL PNEQD
VLR SRVKTGTGIIETKFSVKDLNFRMFDVGGQRSEK KWIHCFEGVTCIIFCAALSAYD
MVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKKVHLSICFPEY
DGNN SYEDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDVAVTDIIKENL
KDCGLF

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Bovine GNAT2 full length of mature protein protein (2-354aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. GNAT2, also known as HG1D or ACHM4 or GNATC, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.