

Datasheet for ABIN2734133
GNAT1 Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	GNAT1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAT1 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Transducin alpha-1 chain / GNAT1 (full length, N-term HIS tag) protein expressed in E. coli.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	GNAT1
Alternative Name:	Transducin alpha-1 Chain,gnat1 (GNAT1 Products)
Background:	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. [UniProtKB/Swiss-Prot Function]

Target Details

Molecular Weight:	39.9 kDa
NCBI Accession:	NP_653082
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , G-protein mediated Events , Phototransduction

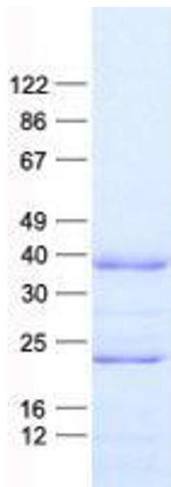
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot