

Datasheet for ABIN7557647  
**GNB3 Protein (AA 1-340) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GNB3
Protein Characteristics:	AA 1-340
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNB3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Gnb3 Protein expressed in mammalian cells.
Sequence:	MGEMEQLRQE AEQLKKQIAD ARKACADITL AELVSGLEVV GRVQMRTRRT LRGHLAKIYA MHWATDSKLL VSASQDGKLI VWDTYTTNKV HAIPLRSSWV MTCAYAPSGN FVACGGLDNM CSIYNLKSRE GNVKVSRELS AHTGYLSCCR FLDDNNIVTS SGDTTCALWD IETGQKTVF VGHTGDCMSL AVSPDYKLF I SGACDASAKL WDVREGTCRQ TFTGHESDIN AICFFPNGEA ICTGSDDASC RLFDLRADQE LTAYSQESII CGITSVAFSL SGRLLFAGYD DFNCNVWDSL KCERVGILSG HDNRVSLGV TADGMAVATG SWDSFLKIWN <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	GNB3
Alternative Name:	Gnb3 ( <a href="#">GNB3 Products</a> )
Background:	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 (Transducin beta chain 3),FUNCTION: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.
Molecular Weight:	37.2 kDa
UniProt:	<a href="#">Q61011</a>
Pathways:	<a href="#">Peptide Hormone Metabolism, Myometrial Relaxation and Contraction</a>

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## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months