

Datasheet for ABIN5853311  
**GNB3 Protein (AA 1-340) (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	GNB3
Protein Characteristics:	AA 1-340
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNB3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGEMEQ L RQEAQLKKQ IADARKACAD VT LAELVSGL EVVGRVQMRT RRTL RGH LAK IYAMHWATDS KLLVSASQDG KLIVWDSYTT NKVHAIPLRS SWVMT CAYAP SGNFVACGGL DNMCSIYNLK SREGNVKVS R ELSAHTGYLS CCRFLDDNNI VTSSGDTTCA LWDIETGQQK TVFVGHTGDC MSLAVSPDFN LFISGACDAS AKLWDVREGT CRQTF TGHE S DINAICFFPN GEAICTGSDD ASCRLFDLRA DQELICFSHE SIICGITSVA FSLSGRLLFA GYDDFNCNVW DSMKSERVGI LSGHDNRVSC LGVTADGM AV ATGSWDSFLK IWN
Purity:	> 80 % by SDS - PAGE

## Target Details

Target:	GNB3
Alternative Name:	GNB3 ( <a href="#">GNB3 Products</a> )

## Target Details

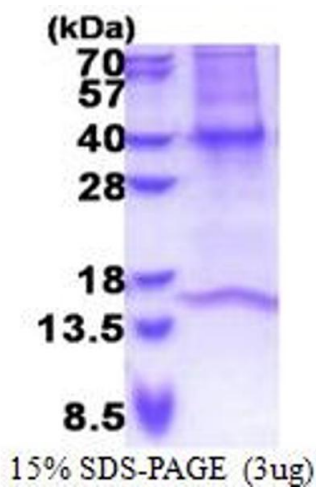
Background:	GNB3 is important regulator of alpha subunit, as well as of certain signal transduction receptor and effector. A single-nucleotide polymorphism (C825T) in this protein is associated with essential hypertension and obesity. This polymorphism is also associated with the occurrence of the splice variant GNB3-s, which appears to have increased activity. GNB3-s is an example of alternative splicing caused by a nucleotide change outside of the splice donor and acceptor sites. Additional splice variants may exist for this gene, but they have not been fully described. Recombinant human GNB3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	39.6 kDa(363aa)
NCBI Accession:	<a href="#">NP_002066</a>
UniProt:	<a href="#">P16520</a>
Pathways:	<a href="#">Peptide Hormone Metabolism, Myometrial Relaxation and Contraction</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. 20 mM Tris-HCl buffer ( pH 8.0) containing 10 % glycerol 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.