

### Recombinant Human GNB1 protein (denatured) ab180353

#### 1 图像

#### 描述

产品名称	重组人GNB1蛋白(denatured)
纯度	> 85 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<b><u>P62873</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGSSHHHHHH SSGLVPRGSH MGSMSELDQL RQAEQLKNQ IRDARKACAD ATLSQITNNI DPVGRIQMRT RRTLRLGHLAK IYAMHWGTDS RLLVSASQDG KLIIWDSYTT NKVHAIPLRS SWVMTCAYAP SGNVYACGGL DNICSIYNLK TREGNVRVSR ELAGHTGYLS CCRFLDDNQI VTSSGDTTCA LWDIETGQQT TTFTGHTGDV MSLSLAPDTR LFVSGACDAS AKLWDVREGM CRQFTFGHES DINAICFFPN GNAFATGSDD ATCRLFDLRA DQELMTYSHD NIICGITSVS FSKSGRLLLA GYDDFNCNVW DALKADRAGV LAGHDNRVSC LGVTDDGMAV ATGSWDSFLK IWN           </pre>
预测分子量	40 kDa including tags
氨基酸	1 to 340
标签	His tag N-Terminus
额外的序列信息	NP_002065
描述	重组人GNB1蛋白

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab180353** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

**形式** Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 2.4% Urea, 10% Glycerol (glycerin, glycerine)

## 常规信息

### 功能

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.

### 序列相似性

Belongs to the WD repeat G protein beta family.

Contains 7 WD repeats.

### 翻译后修饰

Phosphorylation at His-266 by NDKB contributes to G protein activation by increasing the high energetic phosphate transfer onto GDP.

## 图片



15% SDS-PAGE analysis of ab180353 (3 µg)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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