

Product datasheet

Recombinant Human GNB1 protein ab132818

1 Image

Overview

Product name	Recombinant Human GNB1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Accession	P62873
Species	Human
Sequence	<p>MSELDQLRQEAEQLKNQIRDARKACADATLSQITNNID PVGRIQMRTRRT LRGLAKIYAMHWGTDSRLLVSASQDGKLIWDSYTTN KVHAIPLRSSWV MTCAYAPSGNYVACGGLDNICSMNLKTREGNVRVSRE LAGHTGYLSCCR FLDDNQMTSSGD TTCALWDIETGQQTTTFTGHTGDVM SLSLAPDTRLFV SGACDASAKLWDVREGMCRQFTFGHESDINAICFFPN GNAFATGSDDATC RLFDLRADQELMTYSHDNICGITSVSFSKSGRLLLAGY DDFNCNVWDAL KADRAGVLAGHDNRVSCLGVTDDGMAVATGSWDSF LKIWN</p>

Molecular weight	63 kDa including tags
Amino acids	1 to 340

Specifications

Our [Abpromise guarantee](#) covers the use of **ab132818** in the following tested applications.

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

Applications	SDS-PAGE
	ELISA

Western blot

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 µg/µl.

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

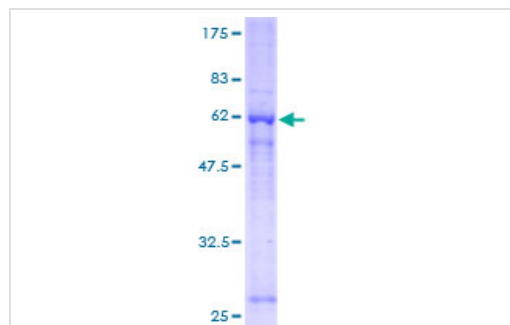
General Info

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.

Sequence similarities Belongs to the WD repeat G protein beta family.
Contains 7 WD repeats.

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

Images



12.5% SDS-PAGE analysis of ab132818 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human GNB1 protein
(ab132818)

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