

## Product datasheet

# Recombinant Human NgBR protein ab165100

1 Image

### Description

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<b>Product name</b>	Recombinant Human NgBR protein
<b>Expression system</b>	Wheat germ
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MTGLYELVWRVLHALLCLHRTLTSWLRVRFGTWNWWR CCRAASAAVLA PLGFTLRKPPAVGRNRRHRHPRGGSCLA AAHHRMRWR ADGRSLEKLPVH MGLVITEVEQEPSFSDIASLVVWCMAVGISYISVYDHQGIF KRNSRLMD EILKQQQELLGLDCSKYSPEFANSNDKDDQVLNCHLAVK VLSPEDGKADI VRAAQDFCQLVAQKQKRPTDLVDTLASLLSSNGCPDP DLVLKFGPVDST LGFLPWHIRL TEIVSLPSHLNISYEDFFSALRQYAACEQRLG K
<b>Amino acids</b>	1 to 293
<b>Tags</b>	GST tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab165100** in the following tested applications.

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

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Nogo B receptor.

## Preparation and Storage

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### 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

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### Function

Acts as a specific receptor for the N-terminus of Nogo-B, a neural and cardiovascular regulator. Regulates the stability of nascent NPC2, thereby promoting trafficking of LDL-derived cholesterol. Essential component of the dolichol monophosphate (DoI-P) biosynthetic machinery.

### Pathway

Protein modification; protein glycosylation.

### Sequence similarities

Belongs to the UPP synthase family.

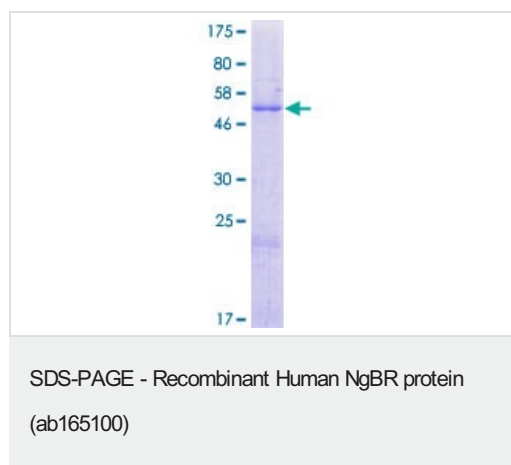
### Cellular localization

Endoplasmic reticulum membrane. Colocalizes with Nogo-B during VEGF and wound healing angiogenesis.

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## Images

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ab165100 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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