

## Product datasheet

# Recombinant Human RAB3IL1 protein ab187619

1 Image

### Description

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<b>Product name</b>	Recombinant Human RAB3IL1 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab187619 was purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>Q8TBN0</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMWSGPPQ PDQGLPPPLA AVPVPWKSTD PCQGHRESPG ALVETSAGEE AQQQEGPAAA QLDVLRRLRSS SMEIREKGSE FLKEELHRAQ KELKLDDEEC ERLSKVREQL EQELEELTAS LFEEAHKMVR EANMKQAASE KQLKEARGKI DMLQAEVTAL KTLVITSTPA SPNRELHPQL LSPTKAGPRK GHSRHKSTSS TLCPAVCPAA GH TLTPDREG KEVDILFAE FQAWRESPTL DKTCPFLERV YREDVGPCLD FTMQELSVLV RAAVEDNLT IEPVASQTLP TVKVAEVDCS STNTCALSGL TRTCRHRRL GDSKSHYIS PSSRARITAV CNFFTYIRY QQGLVRQDAE PMFWEIMRLR KEMSLAKLGF FPQEA
<b>Predicted molecular weight</b>	45 kDa including tags
<b>Amino acids</b>	1 to 382
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	NP_037533

### Specifications

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Our **Abpromise guarantee** covers the use of **ab187619** 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>	SDS-PAGE
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	Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	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: 7.40 Constituents: 50% PBS, 50% Glycerol (glycerin, glycerine)
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## General Info

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<b>Function</b>	Guanine nucleotide exchange factor (GEF) which may activate RAB3A, a GTPase that regulates synaptic vesicle exocytosis. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. May also activate RAB8A and RAB8B.
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<b>Sequence similarities</b>	Belongs to the SEC2 family.
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## Images

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15% SDS-PAGE analysis of ab187619 (3 µg).

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

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