

Datasheet for ABIN7560641

## RHOBTB3 Protein (AA 1-611) (His tag)



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### Overview

Quantity:	1 mg
Target:	RHOBTB3
Protein Characteristics:	AA 1-611
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RHOBTB3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Rhobtb3 Protein expressed in mammalian cells.
Sequence:	<p>MSIHVALGN EGDTFHQDNR PSGLRITYLG RSPLVSGDES SLLNAASTV ARPVFTEYQA  SAFGNVKLVV HDCPVWDIFD SDWYTSRNLG GGADIIVIKY NVNDKFSFHE VKDNYIPVIK  RASNSVPVII AAVGTRQNEE LPCTCPLCTS DRGSCVTTE GIQLAKELGA TYLELHSLDD  FYIGKYFGGV LEYFMIQALN QKTSEKMKKR KMTSSFHGIR PPQLEQPEKM PVLKAEASHY  HSDLNNLLLC CQCVDVVFYH PEVTGVVEAH KIVLCSVSHV FMLLFNVKSP ADIQDSSIIR  TTQDLFAINR DAVLPGASQE APSNPPLPVI VKDALFCSCS SDILRFIYSG AFQWEELEED  VRRKLKDSGD VSDIEKVKC ILKTPGKINC LRNCKTYQAR KPLWFYNTSL KFFLNKPMLA  DVFVEIQGAT VPAHRAILVA RCEVMAAMFN GNYMEAKSVL IPVYGVSKET FLSFLEYLYT  DSCCPAGIFQ AMCLLICAEM YQVSRLQHIC ELFIITQLQS MPSRELASMN LDIVDLLKKA  KFHHSCLST WLLHFIATNY LIFSQKPEFQ DLSVEERSFV EKHRWPSNMY LKQLAEYRKY  IHSRKCRCLV M</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

**another tag necessary. In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

**Target:** RHOBTB3

**Alternative Name:** Rhobtb3 ([RHOBTB3 Products](#))

**Background:** Rho-related BTB domain-containing protein 3 (EC 3.6.1.-),FUNCTION: Rab9-regulated ATPase required for endosome to Golgi transport. Involved in transport vesicle docking at the Golgi complex, possibly by participating in release M6PRBP1/TIP47 from vesicles to permit their efficient docking and fusion at the Golgi. Specifically binds Rab9, but not other Rab proteins. Has low intrinsic ATPase activity due to autoinhibition, which is relieved by Rab9 (By similarity). {ECO:0000250}.

**Molecular Weight:** 69.2 kDa

**UniProt:** [Q9CTN4](#)

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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