

Datasheet for ABIN7561281  
**BBS10 Protein (AA 1-713) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	BBS10
Protein Characteristics:	AA 1-713
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BBS10 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Bbs10 Protein expressed in mammalian cells.
Sequence:	MASQGSVTAA LRVAEVLESI ANRCVGPEGG QVLCTKPTGE VLLSRDGGCL LEALHLEHPL ARMIVACVSS HLKKTGDGAK TFIIFLCHLL RGLHAIGEKG KDSFTSENIQ SHERHWKNCC QWKSISQALQ TFQTQTLGCI VDRSLSRHYL SVFSSSTEGR KLCRHSLELL LEAYFCGRVG RNNHRFISQL MCDYVFKCMA CESGVEVFEL LDHCFAELNV GVTGLPVSDS RIIDGLVLPR DFSMYCPADG DIRMVIVTEI LQPQFSSAGS EFVLNSETQF QASQCWITDR TKTVMNHLRG QNVKLLTTSV KQPDLVYCA RLNSISVVEC LSAEEVSLVQ RITGLSPCVL PEVASQCEIS DSTLVKFCCKP LILRSKRYVH LGLISTCAFI PHSMLVCGPV LGLVEQHERA FHGAFKMLRQ LFTDLNLNYI IQTKQQCNPS PLAYDNSRER NHSPETDKYQ DIVAKSKNKL ETQTHLEVYS GLGASDTELR AGKPWSAHKK TPIAPSQTDE MLKCLPPERS GIIDNCDSI ENHSTGNPTA EDTGTEISFE HLQVSDNAGK GYTLPVMRKS LDTCTCQGYC SSTVPAGCVL PVGGSF EILM SYYLLSYAKQ CRQSDETVIS MLIADALLGI PKILYKPKKG KDSFPHIYMR SLHALQASQP MMSGQSGFES VAGKYQLLTS VLQCLMKILT IDLIINIKRQ PQKTADQESE DEF <b>Sequence without</b>

## Product Details

---

**tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make 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: BBS10

Alternative Name: Bbs10 ([BBS10 Products](#))

Background: Bardet-Biedl syndrome 10 protein homolog,FUNCTION: Probable molecular chaperone that assists the folding of proteins upon ATP hydrolysis. Plays a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Involved in adipogenic differentiation. {ECO:0000250|UniProtKB:Q8TAM1}.

Molecular Weight: 78.9 kDa

UniProt: [Q9DBI2](#)

## Application Details

---

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.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---