

Datasheet for ABIN7552557
BBS10 Protein (AA 1-723) (His tag)



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Overview

Quantity:	1 mg
Target:	BBS10
Protein Characteristics:	AA 1-723
Origin:	Human
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:	MLSSMAAAGS VKAALQVAEV LEAIVSCCVG PEGRQVLCTK PTGEVLLSRN GGRLLLEALHL EHPIARMIVD CVSSHLKKTG DGAKTFIIFL CHLLRGLHAI TDREKDPLMC ENIQTHGRHW KNCSRWKFIS QALLTFQTQI LDGIMDQYLS RHFLSIFSSA KERTLCRSSL ELLLEAYFCG RVGRNNHKFI SQLMCDYFFK CMTCKSGIGV FELVDDHFVE LNVGVTGLPV SDSRIIAGLV LQKDFSVYRP ADGDMRMVIV TETIQPLFST SGSEFILNSE AQFQTSQFWI MEKTKAIMKH LHSQNVKLLI SSVKQPDVLS YYAGVNGISV VECLSSEEVS LIRRIIGLSP FVPPQAFSQC EIPNTALVKF CKPLILRSKR YVHLGLISTC AFIPHSIVLC GPVHGLIEQH EDALHGALKM LRQLFKDLDL NYMTQTNDQN GTSSLFIYKN SGESYQAPDP GNGSIQRPYQ DTVAENKDAL EKTQTYLKVH SNLVIPDVEL ETYIPISTPT LTPTDTFQTV ETLTCLSLER NRLTDYYEPL LKNNSTAYST RGNRIEISYE NLQVTNITRK GSMLPVSCKL PNMGTSQSYL SSSMPAGCVL PVGGNFEILL HYYLLNYAKK CHQSEETMVS MIANALLGI PKVLYKSKTG KYSPHTYIR AVHALQTNQP LVSSQTGLES VMGKYQLLTS VLQCLTKILT IDMVITVKRH PQKVHNQDSE DEL

Product Details

Sequence without 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,FUNCTION: Probable molecular chaperone that assists the folding of proteins upon ATP hydrolysis (PubMed:20080638). Plays a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed:20080638). Involved in adipogenic differentiation (PubMed:19190184). {ECO:0000269|PubMed:19190184, ECO:0000269|PubMed:20080638}.

Molecular Weight: 80.8 kDa

UniProt: [Q8TAM1](#)

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
