

Datasheet for ABIN7552741
BOP1 Protein (AA 1-746) (His tag)



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Overview

Quantity:	1 mg
Target:	BOP1
Protein Characteristics:	AA 1-746
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BOP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BOP1 Protein expressed in mammalian cells.
Sequence:	MAGSRGAGRT AAPSVRPEKR RSEPELEPEP EPEPPLLCTS PLSHSTGSDS GVSDSEESVF SGLEDGSDS SEDDDEGDEE GEDGALDDEG HSGIKKTEE QVQASTPCPR TEMASARIGD EYAEDSSDEE DIRNTVGNVP LEWYDDFPVH GYDLDGRRYI KPLRTRDELD QFLDKMDDPD YWRTVQDPMT GRDLRLTDEQ VALVRLQSG QFGDVGFPY EPAVDFFSGD VMIHPVTNRP ADKRSFIPSL VEKEKVRMV HAIKMGWIQP RRPRDPTPSF YDLWAQEDPN AVLGRHKMHV PAPKLALPGH AESYNPPPEY LLSEERLAW EQQEPGERKL SFLPRKFPSL RAVPAYGRFI QERFERCLDL YLCPRQRKMR VNVDPEDLIP KLPRPRDLQP FPTCQALVYR GHSDLVRCLS VSPGGQWLVS GSDDGSLRLW EVATARCVRT VPVGGVVKSV AWNPSPAVCL VAAAVEDSVL LLNPALGDRL VAGSTDQLLS AFVPPEEPPL QPARWLEASE EERQVGLRLR ICHGKPVTVQ TWHGRGDYLA VVLATQGHTQ VLIHQLSRRR SQSPFRRSHG QVQRVAFHPA RPFLVASQR SVRLYHLLRQ ELTKKLMPCN KVVSSLAVHP AGDNVICGSY DSKLVWFDLD LSTKPYRMLR HHKKALRAVA FHPRYPLFAS GSDDGSVIVC HGMVYNDLLQ NPLLVPVKVL KGHVLRDLG

Product Details

VLDVIFHPTQ PWWFSSGADG TVRLFT **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: BOP1

Alternative Name: BOP1 ([BOP1 Products](#))

Background: Ribosome biogenesis protein BOP1 (Block of proliferation 1 protein),FUNCTION: Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome. {ECO:0000255|HAMAP-Rule:MF_03027, ECO:0000269|PubMed:17353269, ECO:0000269|PubMed:24120868}.

Molecular Weight: 83.6 kDa

UniProt: [Q14137](#)

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
