

Datasheet for ABIN7556809  
**BOP1 Protein (AA 1-732) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BOP1
Protein Characteristics:	AA 1-732
Origin:	Mouse
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:	MAGACGKPHM SPASLPGKRR LEPDQELQIQ EPPLSDPDS SLSDSEESVF SGLEDLGSDS SEEDTEGVAG SSGDEDNHRA EETSEELAQA APLCSRTEEA GALAQDEYEE DSSDEEDIRN TVGNVPLAWY DEFPHVG YDL DGKRIYKPLR TRDELQFLD KMDDPDFWRT VQDKMTGRDL RLTDEQVALV HRLQRGQFGD SGFNPYEPAV DFFSGDIMIH PVTNRPADKR SFIPSLVEKE KVS RMVHAIK MGWIKPRRPH DPTPSFYDLW AQEDPNAVLG RHKMHVPAPK LALPGHAESY NPPPEYLPTE EERSAWMQQE PVERKLNFLP QKFPSLRTVP AYSRFIQERF ERCLDLYLCP RQRKMRVNVD PEDLIPKLPR PRDLQFPFVC QALVYRGHSD LVRCLSVSPG GQWLASGSDD GTLKLWEVAT ARCMKTVHVG GVVRSAWNP NPTICLVAAA MDDAVLLLNP ALGDRLLVGS TDQLLEAFTP PEEPALQPAR WLEVSEEEHQ RGLRLRICHS KPVTQVTWHG RGDYLAVVLS SQEHTQVLLH QVSRRRSQSP FRRSHGQVQC VAFHPSRPFL LVASQRSIRI YHLLRQELTK KLMPNCKWVS SMAVHPAGDN IICGSYDSKL VWFDDLSTK PYKVLRRHHK ALRAVAFHPR YPLFASGSDD GSVIVCHGMV YNDLLQNPLL VPVKVLKGHT LTRDLGVLDV AFHPTQPWVF

## Product Details

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SSGADGTIRL FS **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

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**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:10891491, ECO:0000269|PubMed:11390653, ECO:0000269|PubMed:12048210}.

**Molecular Weight:** 82.5 kDa

**UniProt:** [P97452](#)

## 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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