

Datasheet for ABIN7552877  
**BMS1 Protein (AA 1-1282) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BMS1
Protein Characteristics:	AA 1-1282
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMS1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant BMS1 Protein expressed in mammalian cells.
Sequence:	MEAKDQKKHR KKN SGPKAAK KKKRLLQLDQ LGDEEDARKR NPKAFVQSA VRMARSFHRT QDLKTKKHHI PVVDRTPLEP PPIVWVMGP PKVGKSTLIQ CLIRNFTRQK LTEIRGPVTI VSGKKRRLTI IECGCDINMM IDLAKVADLV LMLIDASFGF EMETFEFLNI CQVHGFPKIM GVLTHLDSFK HNKQLKKT KK RLKHRFWTEV YPGAKLFYLS GMVHGEYQNNQ EIHNLGRFIT VMKFRPLTWQ TSHPYILADR MEDLTNPEDI RTNIKCDRKV SLYGYLRGAH LKNKSQIHMP GVGDFAVSDI SFLPDPCALP EQQKKRCLNE KEKLVYAPLS GVGGVLYDKD AVYVDLGGSH VFQDEVGPTH ELVQSLISTH STIDAKMASS RVTLFSDSKP LGSEDIDNQG LMMPKEEKQM DLNTGRMRRK AIFGDEDESG DSDDEEDDEM SEDDGLENGS SDEEAEEEEEN AEMTDQYMAV KGIKRRKLEL EEDSEMDLPA FADSDDDLER SSAEEGEAEE ADESSEEEEDC TAGEKGISGS KAAGEGSKAG LSPANQCSDR VNLEKSLLMK KAALPTFDSG HCTAEVFAS EDESEESSSL SAEEEDSENE EAIRKKLSKP SQVSSGQKLG PQNFIDETSD IENLLKEEED YKEENNDSKE TSGALKWKED LSRKAAEAFL RQQQAAPNLR KLIYGTVTED NEEEDDDTLE ELGGLFRVNQ

## Product Details

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PDRECKHKAD SLDCSRFLVE APHDWDLEEV MNSIRDCFVT GKWEDDKDAA KVLAEDEELY  
GDFEDLETGD VHKGKSGPNT QNEDIEKEVK EEIDPDEEES AKKKHLDKKR KLKEMFDAEY  
DEGESTYFDD LKGEMQKQAA LNRAEFEDQD DEARVQYEGF RPGMYVRIE ENVPCEFVQN  
FDPHYIILG GLGNSEGNVG YVQMRLKKHR WYKKILKSRD PIIFSVGWRR FQTIPLYIIE  
DHNGRQRLK YTPQHMHCGA AFWGPITPQG TGFLAIQSVS GIMPDFRIAA TGVVLDLTKS  
IKIVKKLKLTFPDKYKIFKNT SFIKGMFNSA LEVAKFEGAV IRTVSGIRGQ IKKALRAPEG  
AFRASFEKDL LMSDIVFMRT WYPVSIPAFY NPVTSLKPV GEKDTWSGMR TTGQLRLAHG  
VRLKANKDSL YKPILRQKKH FNSLHIPKAL QKALPFKNKP KTQAKAGKVP KDRRRPAVIR  
EPHERKILAL LDALSTVHSQ KMKKAKEQRH LHNKEHFRAK QKEEEEKLR QKDLRKKLFR  
IQGQKERRNQ KSSLKGAEGQ LQ **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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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Target: BMS1

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## Target Details

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Alternative Name:	<a href="#">BMS1 (BMS1 Products)</a>
Background:	Ribosome biogenesis protein BMS1 homolog (Ribosome assembly protein BMS1 homolog),FUNCTION: Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. {ECO:0000269 PubMed:34516797}.
Molecular Weight:	145.8 kDa
UniProt:	<a href="#">Q14692</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly</a>

## 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.
Restrictions:	For Research Use only

## Handling

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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