

Datasheet for ABIN7557891  
**HBS1L Protein (AA 1-682) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HBS1L
Protein Characteristics:	AA 1-682
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HBS1L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Hbs1l Protein expressed in mammalian cells.
Sequence:	MARHRNVRGY NYDEDFEDDD LYGQSVEDDY CISPSTAAQF IYSRRDNPEE EYGYEDLRES SNSLLNHQLS EIDQARLYSC LDHMREVLGD AVPDDILTEA ILKHKFDVQK ALSVVLEQDG VQPWKEKSER AVCAGQPSKG KSVISRSSQS ESEIVPKVAK MTVSGKKQTM GFEVPGLTSE ENGLSVRAPH KGPPGDDVSV ASPNIPETGT PKSALPPPSL QTSEELGSTP TPVRKSGKLR QQIDVKAELE KRQGGKQLLN LVVIGHVDAG KSTLMGHMLY LLGNVNKRTM HKYEQESKKA GKASFAYAWV LDETGEERER GVTMDVGM TK FETTTKVITL MDAPGHKDFI PNMITGAAQA DVAVLVDAS RGEFEAGFET GGQTRHGLL VRSLGVTQLA VAVNKMDQVN WQQERFQEIT GKLGHFLKQA GFKESDVAFI PTSGLSGENL TARSQSSDLT TWYKGMCLLE QIDSFKPPQR SIDKPFRLCV SDVFKDQSG FCVTGKIEAG YIQTGDRLLA MPPNETCTAK GITLHDEPVD WAAAGDHVNL TLVGMDIIKI NVGCIFCGPK EPIKACTRFR ARILVFNIEV PITKGFVLL HYQTVSEPAV IKRLISVLNK STGEVTKKKP KLLTKGQNAL VELQTQRPVA LELYKDFKEL

## Product Details

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GRFMLRYGGS TVAAGVVTEI KE **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.**

### 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, Western Blot

### Grade:

custom-made

## Target Details

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### Target:

HBS1L

### Alternative Name:

Hbs1l ([HBS1L Products](#))

### Target Type:

Viral Protein

### Background:

HBS1-like protein (EC 3.6.5.-),FUNCTION: GTPase component of the Pelota-HBS1L complex, a complex that recognizes stalled ribosomes and triggers the No-Go Decay (NGD) pathway. The Pelota-HBS1L complex recognizes ribosomes stalled at the 3' end of an mRNA and engages stalled ribosomes by destabilizing mRNA in the mRNA channel. Following mRNA extraction from stalled ribosomes by the SKI complex, the Pelota-HBS1L complex promotes recruitment of ABCE1, which drives the disassembly of stalled ribosomes, followed by degradation of damaged mRNAs as part of the NGD pathway. {ECO:0000250|UniProtKB:Q9Y450}.

### Molecular Weight:

75.1 kDa

## Target Details

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UniProt: [Q69ZS7](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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