

Datasheet for ABIN7556807
SLBP Protein (AA 1-275) (His tag)



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Overview

Quantity:	1 mg
Target:	SLBP
Protein Characteristics:	AA 1-275
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLBP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Slbp Protein expressed in mammalien cells.
Sequence:	<p>MACRPRSPPG YGSRRDGGAS PRSPARWSLG RKRRADGRDR KPEDSEEGEL QTADHRPESF</p> <p>TTPEGHKPRS RCSDWASAVE EDEMTRVNK EIARYKRKLL INDFGRERKS SSGSSDSKES</p> <p>MSSVPADVET DESVLMRRQK QINYGKNTIA YDRYIKEVPR HLRQPGIHPR TPNKFKKYSR</p> <p>RSWDQQIKLW KVALHFWDDP AEEGCDLQEI QPVDLGEMET EFTESSESQ TSSQDNFDVY</p> <p>AGTPTKVRHV DCQVEDEFDL EACLTEPLKD FSAMS 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.</p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SLBP
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Alternative Name:	Slbp (SLBP Products)
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Background:	Histone RNA hairpin-binding protein (Histone stem-loop-binding protein),FUNCTION: RNA-binding protein involved in the histone pre-mRNA processing (PubMed:18036581). Binds the stem-loop structure of replication-dependent histone pre-mRNAs and contributes to efficient 3'-end processing by stabilizing the complex between histone pre-mRNA and U7 small nuclear ribonucleoprotein (snRNP), via the histone downstream element (HDE) (PubMed:18036581). Plays an important role in targeting mature histone mRNA from the nucleus to the cytoplasm and to the translation machinery (By similarity). Stabilizes mature histone mRNA and could be involved in cell-cycle regulation of histone gene expression (By similarity). Involved in the mechanism by which growing oocytes accumulate histone proteins that support early embryogenesis (PubMed:18036581). Binds to the 5' side of the stem-loop structure of histone pre-mRNAs (PubMed:19470752). {ECO:0000250 UniProtKB:Q14493, ECO:0000269 PubMed:18036581, ECO:0000269 PubMed:19470752}.
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Molecular Weight:	31.6 kDa
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UniProt:	P97440
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Application Details

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.
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Restrictions:	For Research Use only
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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