

Datasheet for ABIN7563411  
**MYBL1 Protein (AA 1-751) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MYBL1
Protein Characteristics:	AA 1-751
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYBL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Mybl1 Protein expressed in mammalien cells.
Sequence:	MAKRSRSEDE DDDLQYADHD YEVPQKGLK KLWNRVKWTR DEDDKLKKLV EQHGTDWTL IASHLQNRSD FQCQHRWQKV LNPELIKGPW TKEEDQRVIE LVQKYGPKRW SLIAKHLKGR IGKQCRERWH NHLNPEVKKS SWTEEDRII YEAHKRLGNR WAEIAKLLPG RTDNSIKNHW NSTMRRKVEQ EGYLQDGIKS ERSSSKLQHK PCATMDHLQT QNQFYIPVQI PGYQYVSPDG NCVEHVQ TSA FIQQPFVDED PDKEKKIKEL ELLLSAENE VRRKRLPPQP GSFSSWSGSF LMDDSMSNTL NNLEEHTTEF YSM DENQTVS AQQNSPTKFL AVEANAVLSS LQTIPEFPRT LELIESDPVA WSDVTSFDLS DAAASPVKST PVKLMRIQHN EGAMECQFNV SLVLEGKKN S RNGGDSEAIP LTSPNVVKFS TPPTISRKKK RIRVGQSAGS ELGSASLSEV GNRRIKHTPV KTLPFSPSQF FNTCPGNEQL NIENPSFTST PICGQKVLIT TPLQKEATPK DQKENVGFRT PTIRRSILGT TPRTPTPFKN ALAAQEKKYG PLKIVSQPLA FLEEDIREVL KEETGTDIFL KEEDEPAYKS CKQEHSASVK KVRKSLALES WDKEEPGTQL LTEDISDMQS ENILTTSLLM

## Product Details

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IPLLEIHDNR CNLTPEKQDI NSANKTYTLN KKRPNPNPCK AVKLEKSLQS NCEWETVWYG  
KTEDQLIMTE QARRYLSTYT ATSSTSRALI L **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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### 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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

MYBL1

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### Alternative Name:

Mybl1 ([MYBL1 Products](#))

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### Background:

Myb-related protein A (A-Myb) (Myb-like protein 1),FUNCTION: Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3' (PubMed:7813437, PubMed:23523368). Acts as a master regulator of male meiosis by promoting expression of piRNAs: activates expression of both piRNA precursor RNAs and expression of protein-coding genes involved in piRNA metabolism, such as PIWIL1 (PubMed:21750041, PubMed:23523368). The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons, which is essential for the germline integrity

## Target Details

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(PubMed:23523368). Transcriptional activator of SOX30 (PubMed:29848638).  
{ECO:0000269|PubMed:21750041, ECO:0000269|PubMed:23523368,  
ECO:0000269|PubMed:29848638, ECO:0000269|PubMed:7813437}.

Molecular Weight: 85.7 kDa

UniProt: [P51960](#)

Pathways: [Cell Division Cycle, Chromatin Binding](#)

## 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