

Datasheet for ABIN7549628
MYBL1 Protein (AA 1-752) (His tag)



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Overview

Quantity:	1 mg
Target:	MYBL1
Protein Characteristics:	AA 1-752
Origin:	Human
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 mammalian cells.
Sequence:	MAKRSRSEDE DDDLQYADHD YEVPQQKGLK KLWNRVKWTR DEDDKLKKLV EQHGTDDWTL IASHLQNRSD FQCQHRWQKV LNPELIKGPW TKEEDQRVIE LVQKYGPKRW SLIAKHLKGR IGKQCRERWH NHLNPEVKKS SWTEEDRII YEAHKRLGNR WAEIAKLLPG RTDNSIKNHW NSTMRRKVEQ EGYLQDGIKS ERSSSKLQHK PCAAMDHMQT QNQFYIPVQI PGYQYVSPEG NCIEHVQPTS AFIQPFIDE DPDKEKKIKE LEMLLMSAEN EVRRKRIPSQ PGSFSSWSGS FLMDDNMSNT LNSLDEHTSE FYSMDENQPV SAQQNSPTKF LAVEANAVLS SLQTIPEFAE TLELIESDPV AWSDVTSFDI SDAAASPIKS TPVKLMRIQH NEGAMECQFN VSLVLEGKKN TCNNGNSEAV PLTSPNIAKF STPPAILRKK RKMRVGHSPG SELRDGSLND GGNMALKHTP LKTLPFSPSQ FFNTCPGNEQ LNIENPSFTS TPICGQKALI TTPLHKETTP KDQKENVGFR TPTIRRSILG TTPRTPTPFK NALAAQEKKY GPLKIVSQPL AFLEEDIREV LKEETGTDLF LKEEDEPAYK SCKQENTASG KVKRKS LVLD NWEKEESGTQ LLTEDISDMQ SENRFTTSL

Product Details

MIPLLEIHDN RCNLIPEKQD INSTNKTYTL TKKKPNPNTS KVKLEKNLQ SNCEWETVVY
GKTEDQLIMT EQARRYLSTY TATSSTSRAL IL **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

Target:

MYBL1

Alternative Name:

MYBL1 ([MYBL1 Products](#))

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:8058310, PubMed:7987850). 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 (By similarity). 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 (By similarity). Transcriptional activator of SOX30 (By

Target Details

similarity). {ECO:0000250|UniProtKB:P51960, ECO:0000269|PubMed:7987850, ECO:0000269|PubMed:8058310}.

Molecular Weight: 85.9 kDa

UniProt: [P10243](#)

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

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.

Restrictions: For Research Use only

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