

Datasheet for ABIN7564958
PRDM5 Protein (AA 1-599) (His tag)



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Overview

Quantity:	1 mg
Target:	PRDM5
Protein Characteristics:	AA 1-599
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRDM5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Prdm5 Protein expressed in mammalien cells.
Sequence:	<p>MLGMYVPDFR ALKSSRVQDG MGLYTARRVR KGEKFGPFAG EKRPEDLDE NMDYRLMWEV RGSKGEVLYI LDATNPRHSN WLRVHEAPS QERKNLAAIQ EGENIFYLAV DDIETDTELL IGYLDSDVEA EEEEEQALTM TKEGKVDHSK GQLAAGSKGH LGCEEDFACP QCESSFPSEE VLTEHLQSLH QKPTGEKEFK CENCGKKFPV RQALQRHFEQ HRKACRGEAR FVCKADSCGK RLKSKDALRR HQENVHTGDP KRKLCISVCN RKCTSVSSLQ EHRKIHEIFD CQECMKKFIS ANQLKRHMIT HSEKRPYNCE ICNKSFKRLD QVGAHKVIHS EDKPYQCKLC GKGFAHRNVY KNHKKTHSEE RPFQCDACKA LFRTPFSLQR HLLIHNSERT FKCHHCDATF KRKDTLNVHV QVVHERHKKY RCELCNKAFV TPSVLRSHKK THTGEKEKVC PYCGQKFASS GTLRVHIRSH TGERPYQCPY CEKGFSKNDG LKMHIRTHTR EKPYQCSECS KAFSQKRGDL EHKRTHTGEK PFQCDVCDLA FSLKKMLIRH KMTHNPNRPM AECHFCHKKF TRNDYLKVHM DNIHGVADS</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

Product Details

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:

PRDM5

Alternative Name:

Prdm5 ([PRDM5 Products](#))

Background:

PR domain zinc finger protein 5 (EC 2.1.1.-) (PR domain-containing protein 5),FUNCTION: Sequence-specific DNA-binding transcription factor. Represses transcription at least in part by recruitment of the histone methyltransferase EHMT2/G9A and histone deacetylases such as HDAC1. Regulates hematopoiesis-associated protein-coding and microRNA (miRNA) genes (By similarity). May regulate the expression of proteins involved in extracellular matrix development and maintenance, connective tissue components and molecules regulating cell migration and adhesion. May cause G2/M arrest and apoptosis in cancer cells (By similarity). {ECO:0000250}.

Molecular Weight:

69.6 kDa

UniProt:

[Q9CXE0](#)

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
