

Datasheet for ABIN7555082  
**PRDM8 Protein (AA 1-689) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PRDM8
Protein Characteristics:	AA 1-689
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRDM8 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PRDM8 Protein expressed in mammalian cells.
Sequence:	MEDTGIQRGI WGDGAKAVQQ CLTDIFTSVY TCDIPENAI FGPCVLSHTS LYDSIAFIAL KSTDKRTVPY IFRVDTSAAN GSSEGLMWLR LVQSARDKEE QNLEAYIKNG QLFYRSLRRI AKDEELLVWY GKELTELLLL CPSRSHNKMN GSSPYTCLEC SQRFQFEFPY VAHLRFRCPK RLHSADISPQ DEQGGGVGK DHGGGGGGGK DQQQQQEAP LGPGPKFCKA GPLHHYSPSPS PESSNPAAAA GGSSAKPSTD FHNLARELEN SRGGSSCSPA QLSGSGSGSG GGGGHQEDEL SPDGIATGGG KGKRFPEEA AEGGGGAGLV GGRGRFVERP LPASKEDLVC TPQQYRASGS YFGLEENGRL FAPPSPETGE AKRSFVEVK KAARAASLQE EGTADGAGVA SEDQDAGGGG GSSTPAAASP VGAEKLLAPR PGGPLPSRLE GGSPARGSAF TSVPQLGSAG STSGGGGTGA GAAGGAGGGQ GAASDERKSA FSQPARSFSQ LSPLVLGQKL GALEPCHPAD VGGPTRLYP AADPLAVKLQ GAADLNGGCG SLPSGGGGLP KQSPFLYATA FWPKSSAAAA AAAAAAAGP LQLQLPSALT LLPPSFTSLC LPAQNWCAKC NASFRMTSDL VYHMRSHHKK EYAMEPLVKR RREEKLCPI CNESFRERHH LSRHMTSHN <b>Sequence without tag. The proposed Purification-</b>

## Product Details

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**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.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

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**Target:** PRDM8

**Alternative Name:** PRDM8 ([PRDM8 Products](#))

**Background:** PR domain zinc finger protein 8 (EC 2.1.1.-) (PR domain-containing protein 8),FUNCTION: Probable histone methyltransferase, preferentially acting on 'Lys-9' of histone H3 (By similarity). Involved in the control of steroidogenesis through transcriptional repression of steroidogenesis marker genes such as CYP17A1 and LHCGR (By similarity). Forms with BHLHE22 a transcriptional repressor complex controlling genes involved in neural development and neuronal differentiation (By similarity). In the retina, it is required for rod bipolar and type 2 OFF-cone bipolar cell survival (By similarity). {ECO:0000250|UniProtKB:Q8BZ97}.

## Target Details

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Molecular Weight: 71.7 kDa

UniProt: [Q9NQV8](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. 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