

Datasheet for ABIN7562125
PRDM14 Protein (AA 1-561) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | PRDM14 |
| Protein Characteristics: | AA 1-561 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PRDM14 protein is labelled with His tag. |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinant Prdm14 Protein expressed in mammalian cells. |
| Sequence: | <p>MALPPSGETQ SQDKANYLPQ SNPHHLTTY AHAPGYSHFR NLATTEEEFQ PWKLAAAVLE SQAMAPLDAF RMTAPLLNPG LAVQSEPLYN LPWYKLSAWN RIPQFTPEVP RFLDSTEHRN SGSSNQNLVL GGGGGQISGQ RWEAENLLL SPVIASLLPD GIKSSQSISV PQLNQEGKL PFCGFNFTEE ELSFVLYGAI ASPEHPTDLQ HAISGILVPT ESSGSNHLHK TLDKDSLQLP EGLCLMQTSF GDVPHFGVFC SDFIAKGVRF GPFRGRVNA SEVKAHRDNS RMWEIFEDGH LSHFIDGKGS GNWMSYVNCA RFPKEQNLLA VQHQQQIFYE SCRDIQRNQE LLVWYNGNGYE KFLGVPMNLR VTEQGGQQLS ESSEESAEGY RCERCQKVFT YKYYRDKHLK YTPCVDKGDR KFPCSLCQRS FEKRDLRIH ILHVHERHRP YLCSTCGKSF SQSSSLNKHM RVHSGDRPYQ CVYCTKKFTA SSILRTHIRQ HSGEKPFCCK HCGKAFASHA AHDSHVRRSH KDNRRSSCDI CGKGFLLDQEA FYAHMRLHKT C 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> |

Product Details

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

Target: PRDM14

Alternative Name: Prdm14 ([PRDM14 Products](#))

Background: PR domain zinc finger protein 14 (EC 2.1.1.-) (PR domain-containing protein 14),FUNCTION: Transcription factor that has both positive and negative roles on transcription (By similarity). Plays a role in cellular pluripotency. Essential for germ cell development at 2 levels: the reacquisition of potential pluripotency, including SOX2 up-regulation, and successful epigenetic reprogramming, characterized by EHMT1 repression. Its association with CBFA2T2 is required for the functions in pluripotency and germ cell formation. {ECO:0000250, ECO:0000269|PubMed:18622394, ECO:0000269|PubMed:26523391}.

Molecular Weight: 63.4 kDa

UniProt: [E9Q3T6](#)

Application Details

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

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
