

Datasheet for ABIN7585661

PRDM9 Protein (AA 1-796) (His tag)



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Overview

Quantity:	100 µg
Target:	PRDM9
Protein Characteristics:	AA 1-796
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRDM9 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSRTMNTNKP EENSTEGDAG KLEWKPKVKD EFKDISIYFS KEEWAEMGEW EKIRYRNVKR NYKMLISIGL RAPRAPFCY QRQAIPQIN DNEDSDEEWT PKQQVSSPWV PFRVKHKKQQ KETPRMPLSD KSSVKEVFGI ENLLNTSGSE HAQKPVCSPE EGNTSGQHFG KKLKLRKKNV EVNRYRLRER KDLAYEEVSE PQDDDYLYCE KCQNFFIDSC PNHGPPVFEK DSVVDRGHPN HSVLSLPPGL RIGPSGIPEA GLGVWNEASD LPVGLHFGPY KGQITEDEEA ANSGYSWLIT KGRNCYEYVD GQDESQANWM RYVNCARDDE EQNLVAFQYH RKIFYRTCRV IRPGRELLVW YGDEYGQELG IKWGSKMCKG FTAGRELRT EHPCLCSLA FSSQKFLTQH VEWNHRTEIF PGASARINPK PGDPCPDQLQ EHFDSQNKND KASNEVKRKS KPRHKWTRQR ISTAFSSTLK EQMRSEESKR TVEELRTGQ TTNIEDTAKS FIASETSRIE RQCGQCFSDK SNVSEHQRTH TGEKPYICRE CGRGFSQKSD LIKHQRTHT EKPYICRECG RGFTQKSDLI KHQRTHTTEK PYICRECGRG FTQKSDLIKH QRTHTGEKPY ICRECGRGFT QKSDLIKHQR THTEKPYIC RECGRGFTQK SSLIRHQRTH TGEKPYICRE CGLGFTQKSN LIRHLRTHTG EKPYICRECG
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Product Details

LGFTRKSNLI QHQRTHTGEK PYICRECGQG LTWKSSLIQH QRTHTGEKPY ICRECGRGFT
WKSSLIQHQR THTVEK

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: PRDM9

Alternative Name: Histone-lysine N-methyltransferase PRDM9 (Prdm9) ([PRDM9 Products](#))

Background: Recommended name: Histone-lysine N-methyltransferase PRDM9.
EC= 2.1.1.43.
Alternative name(s): PR domain zinc finger protein 9 PR domain-containing protein 9

UniProt: [P0C6Y7](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.