Datasheet for ABIN1618259

SETMAR Protein (AA 1-306) (His tag)

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Overview

Quantity:	1 mg
Target:	SETMAR
Protein Characteristics:	AA 1-306
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SETMAR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATCEEVPEA LKGQLDVARG LENLPVSAWP PGAEPEPFQY TPDHVAGPGA DADPSQITFP GCACLKTPCL PGTCSCLRHE NNYDDRSCLR DIGSEAKCTE PVFECNVLCQ CSERCRNRVV QWGLQFHLQV FKTDHKGWGL RTLDFIPKGR FVCEYAGEVL GISEVQRRVQ LQTIHDSNYI IAIREHVYNG QVMETFVDPA SIGNIGRFLN HSCEPNLLMI PVRIDSMVPK LALFAARDIL PEEELSYDYS GRFLNLMHSE DKERLDNGKL RKPCYCGARS CAAFLPYDSS LYCPTEKPDT SEEGRA
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SETMAR
Alternative Name:	Histone-lysine N-methyltransferase SETMAR (SETMAR) (SETMAR Products)
Background:	Recommended name: Histone-lysine N-methyltransferase SETMAR. EC= 2.1.1.43. Alternative name(s): SET domain and mariner transposase fusion gene-containing protein homolog
UniProt:	Q0VD24
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

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 modificated 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
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.