Datasheet for ABIN1511602

PRMT2 Protein (AA 1-432) (His tag)

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Overview

Quantity:	1 mg
Target:	PRMT2
Protein Characteristics:	AA 1-432
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRMT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MESSSECSSI SDFQDSTEGD DANTLPENLC MREYVVICDY VATDNTQLSL CSGDKVLLLN AVSQDWWWVN HNGTCGYVPA SHLHDALNEQ EDTEVNDPWQ DEEYYGSYKT LKLHLEMLSD VPRTMTYQNV ILKNSSSLCG KHILDLGCGT GIISFFCAKF AQPEAVYAVE ASKIAEQTCR LVEQNGISSL VHVIRQQAEE LDLPTKVDVL VSEWMGTCLL FEFMLESVLQ ARDRWLKEDG VMWPSTACIH LVPCSAYKEY SNKVLFWDNP YQLDFSLLKP PATKEFFAKP QPDYILQPED CLSEPCTLFH LNLKTLQVAE LERMNCDFTF LVHTNGLLHG FTAWFSVQFE NLEEQGHLEL NTGPFSPLTH WKHTLFMLDE PLQVQKRDKI SGSVVFERNS VWRRHMSVTL SWVISRELKM QKVGCKVFPI WR
Specificity:	Xenopus laevis (African clawed frog)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	PRMT2
Alternative Name:	Protein arginine N-methyltransferase 2 (prmt2) (PRMT2 Products)
Background:	Recommended name: Protein arginine N-methyltransferase 2. EC= 2.1.1.-. Alternative name(s): Histone-arginine N-methyltransferase PRMT2. EC= 2.1.1.125
UniProt:	D9IVE5
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone Receptor Binding

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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

