Datasheet for ABIN7589471

CARM1 Protein (AA 1-651) (His tag)

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Overview

Quantity:	100 µg
Target:	CARM1
Protein Characteristics:	AA 1-651
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CARM1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAAAAATAVG PGAGSAGVAG PGGAGPCATV SVFPGARLLT IGDANGEIQR HAEQQALRLE VRAGPDAAGI ALYSHEDVCV FKCSVSRETE CSRVGRQSFI ITLGCNSVLI QFATPHDFCS FYNILKTCRG HTLERSVFSE RTEESSAVQY FQFYGYLSQQ QNMMQDYVRT GTYQRAILQN HTDFKDKIVL DVGCGSGILS FFAAQAGARK IYAVEASTMA QHAEVLVKSN NLTDRIVVIP GKVEEVSLPE QVDIIISEPM GYMLFNERML ESYLHAKKYL KPSGNMFPTI GDVHLAPFTD EQLYMEQFTK ANFWYQPSFH GVDLSALRGA AVDEYFRQPV VDTFDIRILM AKSVKYTVNF LEAKEGDLHR IEIPFKFHML HSGLVHGLAF WFDVAFIGSI MTVWLSTAPT EPLTHWYQVR CLFQSPLFAK AGDTLSGTCL LIANKRQSYD ISIVAQVDQT GSKSSNLLDL KNPFFRYTGT TPSPPPGSHY TSPSENMWNT GSTYNLSSGV AVAGMPTAYD LSSVIAGGSS VGHNNLIPLA NTGIVNHTHS RMGSIMSTGI VQGNRVAGPW AGDLPPGLRT RSSYQWGPGR LRGHAGSSVP MTCPTGSSGA QGGGGSSSAH YAVNNQFTMG GPAISMASPM SIPTNTMHYG S
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	CARM1
Alternative Name:	Histone-arginine methyltransferase CARM1 (Carm1) (CARM1 Products)
Background:	Recommended name: Histone-arginine methyltransferase CARM1. EC= 2.1.1.-. EC= 2.1.1.125. Alternative name(s): Coactivator-associated arginine methyltransferase 1 Protein arginine N-methyltransferase 4
UniProt:	Q4AE70
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Lipid Metabolism by PPARalpha, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Positive Regulation of fat Cell Differentiation

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.