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Datasheet for ABIN1622439
CKMT1 Protein (AA 40-416) (His tag)

Overview

Quantity:	1 mg
Target:	CKMT1
Protein Characteristics:	AA 40-416
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CKMT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	A SERRRQYPPS AEYPLDRKHN NCMASHLTPA VYARLCDKTT PTGWTLDQCI QTGVDNPGHP FIKTVGMVAG DEETYEVFAE LFDPVIQERH NGYDPRTMKH TTDLDASKIR SGFFDERYVL SSRVRTGRSI RGLSLPPACT RAERREVERV VVDALSGLK G DLAGRYRRLS EMTEAEQQQL IDDHFLFDKP VSPLLTAAGM ARDWPDARGI WHNNEKSFLI WVNEEDHTRV ISMEKGGNMK KVFERFCRGL KEVERLIQER GWEFMWNERL GYILTCPSNL GTGLRAGVHI KLPLLSKDSR FPKILENLRL QKRG TGGVDT AATGSIFDIS NLDRLGKSEV ELVQLVIDGV NYLIDCERRL ERQDIRIPP PLPNKH
Specificity:	Sus scrofa (Pig)
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:	CKMT1
Alternative Name:	Creatine Kinase U-Type, Mitochondrial (CKMT1) (CKMT1 Products)
Background:	Recommended name: Creatine kinase U-type, mitochondrial. EC= 2.7.3.2. Alternative name(s): Acidic-type mitochondrial creatine kinase. Short name= Mia-CK Ubiquitous mitochondrial creatine kinase. Short name= U-MtCK
UniProt:	Q29577

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
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.