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Datasheet for ABIN1642827
AS3MT Protein (AA 1-369) (His tag)

Overview

Quantity:	1 mg
Target:	AS3MT
Protein Characteristics:	AA 1-369
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AS3MT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAAPRDAEIH KDVQNYGNNV LKTSADLQTN ACVTPAKGVP EYIRKSLQNV HEEVISRYYG CGLVPEHLE NCRILDLGSG SGRDCYVLSQ LVGQKGHITG IDMTKVQVEV AKAYLEYHTE KFGFQTPNVT FLHGQIEMLA EAGIQKESYD IVISNCVINL VPDKQKVLRE VYQVLKYGGE LYFSDVYASL EVSEDIKSHK VLWGECLGGA LYWKDLAVIA KKIGFCPPRL VTANIITVGN KELERVLGDC RFVSATFRLF KLPKTEPAGR CQVVYNGGIM GHEKELIFDA NFTFKEGEAV EVDEETAAIL RNSRFAHDFL FTPVEASLLA PQTKVIIRDV FKLAEESDKM KPRCAPEGTG GCCGKRKSC
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:	AS3MT
Alternative Name:	Arsenite methyltransferase (As3mt) (AS3MT Products)
Background:	Recommended name: Arsenite methyltransferase. EC= 2.1.1.137. Alternative name(s): Methylarsonite methyltransferase S-adenosyl-L-methionine:arsenic(III) methyltransferase
UniProt:	Q8VHT6

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.