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Datasheet for ABIN1626445 VTA1 Protein (AA 2-307) (His tag)



Overview	
Quantity:	1 mg
Target:	VTA1
Protein Characteristics:	AA 2-307
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VTA1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	 AALATLPPL PPQFKSIQHH LRTAQEHDKR DPVVAYYCRL YAMQTGMKID SKTPECRKFL SRLMDQLEAL KKQLGDNEAI TQEIVGSAHL ENYALKMFLY ADNEDRAGRF HKNMIKSFYT ASLLIDVITV FGELTDENVK HRKYARWKAT YIHNCLKNGE TPQAGPVGIE EDNVDVEEYE DAGATSLPTQ PLQPSSSTYD PSNMPSSSYT GIQIPPGAHA PANTPAEVPH STGVTSNTIQ PTPQTIPAID PALFSTVSQG DIRLTPEDFA RAQKYCKYAG SALQYEDVST AVQNLQKALK LLTTGRE
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 %

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Target Details

Target:	VTA1
Alternative Name:	Vacuolar protein sorting-associated protein VTA1 homolog (VTA1) (VTA1 Products)
Background:	Recommended name: Vacuolar protein sorting-associated protein VTA1 homolog
UniProt:	Q32L63

Application Details

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.