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Datasheet for ABIN1674835
HAM1 Protein (AA 1-192) (His tag)

Overview

Quantity:	1 mg
Target:	HAM1
Protein Characteristics:	AA 1-192
Origin:	Candida sp.
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAM1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAPTEITFVT GNANKLKEVQ MLLAAEDKKG SITLKNEPLD LDELQDVLK AIALTKCKQA VKELGVGTPV FVEDTALTFD EFNGLPGAYI KWFLKSMSLE KIVKLLPEYS NKGAEAITTI AYCDENGEYH IFQGITKGKI VDSRGPTNFG WDSIFEPLG KGMTYAEMEK DFKNTLSHRG KAFVEFKKFL YA
Specificity:	Candida glabrata (strain ATCC 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata)
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:	HAM1
Alternative Name:	Inosine triphosphate pyrophosphatase (HAM1) (HAM1 Products)
Background:	Recommended name: Inosine triphosphate pyrophosphatase. Short name= ITPase. Short name= Inosine triphosphatase. EC= 3.6.1.19. Alternative name(s): Non-canonical purine NTP pyrophosphatase Non-standard purine NTP pyrophosphatase Nucleoside-triphosphate diphosphatase Nucleoside-triphosphate pyrophosphatase. Short name= NTPase
UniProt:	Q6FUV2

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

Handling

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