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Datasheet for ABIN1618762
USP14 Protein (AA 1-489) (His tag)

Overview

Quantity:	1 mg
Target:	USP14
Protein Characteristics:	AA 1-489
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPIVNVKWQK EKYYVEVDTS APPMVFKAQL FALTQVPPER QKVVMGRTL GDDDWEGITI KENMTIMMMG SVGEIPKPPT VLEKKQANRD KQAEISALY PCGLANLGNT CYFNSCVQML KEVNELVLKP AEEMRIREHN DRLCHNLATL FNSLRDKDRA LRSKGPIKP FAAILTSDS FPQFEKFKQQ DANECVLSIM SNVTRIVGLS GWNIESLFRI QTETTMKCLE SDEVSEKKVE RNNQLTCYVN QDVRFLQGTI KAGFEEEMTR NSEELNRDAK WQKNTQISRL PKYLTVNINR FFYKESTKTN AKILKSVQFP MQLDTYDLCS QELKDKLVAR RADIKLEEDA KLERELRKKV LDKEQGDKIF DDGVALPTAF EDDAGSNNSG FYDLKGIITH KGRSSQDGHY VAWMRSSDGG KWRLFDDDEHV TVVDEEAILK TSGGGDWHSA YVLLYEARVI KQFPELPPAP VPTEVAADTA EPMEVSEKQ
Specificity:	Caenorhabditis elegans
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.

Product Details

Purity: > 90 %

Target Details

Target: USP14

Alternative Name: Ubiquitin carboxyl-terminal hydrolase 14 (usp-14) ([USP14 Products](#))

Background: Recommended name: Ubiquitin carboxyl-terminal hydrolase 14.
EC= 3.4.19.12.
Alternative name(s): Deubiquitinating enzyme 14 Ubiquitin thioesterase 14 Ubiquitin-specific-processing protease 14

UniProt: [Q17361](#)

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.