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Datasheet for ABIN1630736
USP12 Protein (AA 1-370) (His tag)

Overview

Quantity:	1 mg
Target:	USP12
Protein Characteristics:	AA 1-370
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEILMTVSRI ASICTMGANA SALEKEIGPE QFPVNEHYFG LVNFGNTCYC NSVLQALYFC RPFREKVLAY KSQPRKKENL LTCLSDLFHS IATQKKKGVG IPPKKFITRL RKENELFDNY MQQDAHEFLN YLLNTIADIL QEERKQEKQN GRIPNGNIDN ENNNSAPDPT WVHEIFQGT LNTRCLTCE TISSKDEDFL DLSVDVEQNT SITHCLRGFS NTETLCSEYK YYCEECSKQ EAHKRMKVKK LPMILALHLK RFKYMDQLHR YTKLSYRVVF PLELRLFNTS GDATNPDRMY DLVAVVHCG SGPNRGHYIA IVKSHDFWLL FDDIVEKID QAIEEFYGL TSDISKNSES GYILFYQSRD
Specificity:	Xenopus laevis (African clawed frog)
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:	USP12
Alternative Name:	Ubiquitin carboxyl-terminal hydrolase 12-A (usp12-a) (USP12 Products)
Background:	Recommended name: Ubiquitin carboxyl-terminal hydrolase 12-A. EC= 3.4.19.12. Alternative name(s): Deubiquitinating enzyme 12-A Ubiquitin thioesterase 12-A Ubiquitin-specific-processing protease 12-A
UniProt:	Q52KZ6

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.