

Datasheet for ABIN7589619
USP1 Protein (AA 1-784) (His tag)



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Overview

Quantity:	100 µg
Target:	USP1
Protein Characteristics:	AA 1-784
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPGVIPSESN GLSRGSPSKK NRLSLKFFQK KETKRALDFT DSQEDEEKAS EYRGSEIDQV VPAAQSSPVS CEKRENLLPF VGLNNLGNTC YLNSILQVLY FCPGFKAGVK HLFNIISRKK EALKDDSIQK DKGSCCKEDPL ASYELICSLQ SLIISVEQLQ ASFLLNPEKY TDELATQPRR LLNTLRELNP MYEGLQHDA QEVLQCILGN IQETCQLLKK EEIKNLTEFS SKVEEKSLQK EETGGISSTE TDSTRNLDDL KEQLPKGNWK RKSDGESGNM KKKVKLSRES QPLEENQRQT RSKRKATGDT LEASPKIIPK CVSENEAKP SQKKS VKIN WLKPATKQPS ILSKFCSLGK ITTNQRSGGQ PKVNEGDLEE DLEKDGRDNT VNGSGPASPG SSVTPVDSSE AKSINKGAEQ IGFELVEKLF QGQLVLRTRC LECESLTERR EDFQDISVPV QEDEL SKVEE SSEISPEPKT EMKTLRWAIS QFASVERIVG EDKYFCENCH HYTEAERSLL FDKMPEVITI HLKCF AASGL EFDCYGGGLS KINTPLL TPL KLSLEEWSTK PTNDSYGLFA VVMHSGITIS SGHYTASVKV TDLNSLELDK GNFVVDQMCE IGKPEPLNEE EARGTAENYD DEVSIRVGGN AQPSKVLNKK NVEGIGLLGG QKSKADYELC SKASNPEKV V GTPFTDSRNS ETNDTNGTQE SDRSKESDQ
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Product Details

TGINVSGLEN KISYVVQSLK EYEGKWLLFD DSEVKVTEEK DFLNSLSPST SPTSTPYLLF YKKL

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: USP1

Alternative Name: Ubiquitin carboxyl-terminal hydrolase 1 (Usp1) ([USP1 Products](#))

Background: Recommended name: Ubiquitin carboxyl-terminal hydrolase 1.
EC= 3.4.19.12.
Alternative name(s): Deubiquitinating enzyme 1 Ubiquitin thioesterase 1 Ubiquitin-specific-processing protease 1

UniProt: [Q569C3](#)

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

Handling

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.