Datasheet for ABIN1664031

MDJ1 Protein (AA 56-511) (His tag)

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Overview

Quantity:	1 mg
Target:	MDJ1
Protein Characteristics:	AA 56-511
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDJ1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	NEAFK DPYDTLGLKK SATGAEIKKA YYKLAKKYHP DINKEPDAEK KFHDLQNAYE ILSDETKRQQ YDQFGPAAFG GGGAAGGAGG GSGSPFGSQF HDFSGFTSAG GSPFGGINFE DLFGAAFGGG GRGSGGASRS SSMFRQYRGD PIEIVHKVSF KDAVFGSKNV QLRFSALDPC STCSGTGMKP NTHKVSCSTC HGTGTTVHIR GGFQMMSTCP TCNGEGTMKR PQDNCTKCHG EGVQVNRAKT ITVDLPHGLQ DGDVVRIPGQ GSYPDIAVEA DLKDSVKLSR GDILVRIRVD KDPNFSIKNK YDIWYDKEIP ITTAALGGTV TIPTVEGQKI RIKVAPGTQY NQVISIPNMG VPKTSTIRGD MKVQYKIVVK KPQSLAEKCL WEALADVTND DMAKKTMQPG TAAGTAINEE ILKKQKQEEE KHAKKDDDNT LKRLENFITN TFRKIKGDKK N
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	MDJ1
Alternative Name:	DnaJ homolog 1, mitochondrial (MDJ1) (MDJ1 Products)
Background:	Recommended name: DnaJ homolog 1, mitochondrial
UniProt:	P35191

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 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.