Datasheet for ABIN1475472

SQSTM1 Protein (AA 2-439) (His tag)

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Overview

Quantity:	1 mg
Target:	SQSTM1
Protein Characteristics:	AA 2-439
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SQSTM1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASLTVKAYL LGKEEAAREI RRFSFCFSPE PEAEAAAGPG PCERLLSRVA VLFPALRPGG FQAHYRDEDG DLVAFSSDEE LTMAMSYVKD DIFRIYIKEK KECRREHRPP CAQEARSMVH PNVICDGCNG PVVGTRYKCS VCPDYDLCSV CEGKGLHREH SKLIFPNPFG HLSDSFSHSR WLRKLKHGHF GWPGWEMGPP GNWSPRPPRA GDGRPCPTAE SASAPSEDPN VNFLKNVGES VAAALSPLGI EVDIDVEHGG KRSRLTPTSA ESSSTGTEDK SGTQPSSCSS EVSKPDGAGE GPAQSLTEQM KKIALESVGQ PEELMESDNC SGGDDDWTHL SSKEVDPSTG ELQSLQMPES EGPSSLDPSQ EGPTGLKEAA LYPHLPPEAD PRLIESLSQM LSMGFSDEGG WLTRLLQTKN YDIGAALDTI QYSKHPPPL
Specificity:	Rattus norvegicus (Rat)
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:	SQSTM1
Alternative Name:	Sequestosome-1 (Sqstm1) (SQSTM1 Products)
Background:	Recommended name: Sequestosome-1. Alternative name(s): Protein kinase C-zeta-interacting protein. Short name= PKC-zeta-interacting protein Ubiquitin-binding protein p62
UniProt:	O08623
Pathways:	NF-kappaB Signaling, Neurotrophin Signaling Pathway, Autophagy

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

Handling

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

