Datasheet for ABIN7591009

SMU1 Protein (AA 1-513) (His tag)

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Overview

Quantity:	100 µg
Target:	SMU1
Protein Characteristics:	AA 1-513
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMU1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSIEIESSDV IRLIMQYLKE NSLHRALATF TEETTVSLNT VDSIESFVAD INSGHWDTVL QAIQSLKLPD KTLIDLYEQV VLELIELREL GAARSLLRQT DPMIMLKQTQ PERYIHLENL LARSYFDPRE AYPDGSSKEK RRAAIAQALA GEVSVVPPSR LMALLGQALK WQQHQGLLPP GMTIDLFRGK AAVKDVEEEK FPTQLSRHIK FGQKSHVECA RFSPDGQYLV TGSVDGFIEV WNFTTGKIRK DLKYQAQDNF MMMDDAVLCM CFSRDTEMLA TGAQDGKIKV WKIQSGQCLR RFERAHSKGV TCLSFSKDSS QILSASFDQT IRIHGLKSGK TLKEFRGHSS FVNEATFTQD GHYIISASSD GTVKIWNMKT TECSNTFKSL GSTAGTDITV NSVILLPKNP EHFVVCNRSN TVVIMNMQGQ IVRSFSSGKR EGGDFVCCAL SPRGEWIYCV GEDFVLYCFS TVTGKLERTL TVHEKDVIGI AHHPHQNLIA TYSEDGLLKL WKP
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:	SMU1
Alternative Name:	WD40 repeat-containing protein SMU1 (Smu1) (SMU1 Products)
Background:	Recommended name: WD40 repeat-containing protein SMU1. Alternative name(s): Brain-enriched WD repeat-containing protein Smu-1 suppressor of mec-8 and unc-52 protein homolog
UniProt:	Q99M63

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.