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Datasheet for ABIN1629002

LSM14B Protein (AA 1-380) (His tag)

Overview

Quantity:	1 mg
Target:	LSM14B
Protein Characteristics:	AA 1-380
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LSM14B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSGTPYIGS KISLISKAQI RYEGILYTID TENSTVALAK VRSFGTEDRP TDRPAPPREE VYEYIIFRGS DIKDITVCEP PKASHALSQD PAIVQSSLGS AASYQPSVPY SPFRGMPTYS QLAATSLLSQ QYAASLGLAG FPSIPVRKSP MVEQAVQTGP LENQAQKKVQ QAKGAPVGLR GVRQSGPQSQ PAPLNVPPPA APVLGTVNDE NRRPPRRRSG NRRTRNRSRG QNRPTTVKEN AIKFEGDFDF ESANAQFNRE ELDKEFKDKL NFKDDKPEKA GEEKTDSGVE TQNSDGNPEE DPLGPNTYYD RSKSFFDNIS SEMKSRRTTW AEERKLNTET FGVSGRFLRG RSFRGGFRGG RGSAAARRNQ TTQRAGTGRV
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:	LSM14B
Alternative Name:	Protein LSM14 homolog B-B (lsm14b-b) (LSM14B Products)
Background:	Recommended name: Protein LSM14 homolog B-B. Alternative name(s): RNA-associated protein 42. Short name= xRAP42 RNA-associated protein 55B-B. Short name= RAP55B-B
UniProt:	Q498K9

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.