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Datasheet for ABIN1625315 LSM14A Protein (AA 1-471) (His tag)

Overview

Quantity:	1 mg
Target:	LSM14A
Protein Characteristics:	AA 1-471
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LSM14A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSGGTPYIGS KISLISKAEI RYEGILYTID TENSTVALAK VRSFGTEDRP TDRPIPPRDE VFEYIIFRGS</p> <p>DIKDLTVCEP PKPQCCLPQD PAIVQSSLGS SSASSFQSVS SYGPFGRMPT YSQFSTSPLV</p> <p>GQQFGAVAGS SLTSFGAETT SSTSLPPSSV VGSTFTQEAR TLKTQLSQGR SSSPLDSLRLK</p> <p>SPTIEQAVQT ASAPHPPSSA AVGRRSPVLS RPLPSSSQKT AESPEQRKGE LHKIQRPDTE</p> <p>QKNDYKNDLS RRQPVLSAAQ PRRGRGGNRG GRGRFGVRRD GPMKFEKDFD FESANAQFNK</p> <p>EDIDREFHNK LKLKDDKPEK PLNGEDKTDS GVDTONSEGH AEEEDVLAAG VCYYDKTKSF</p> <p>FDSISCCDNR DRRQTWAEER RMNAETFGLP LRSNRGRGGY RGRGGGMGFR GGRGRGGERR</p> <p>GAPGGVGGFG PSRGYRGGSR GGRGGREFAE YEYRKDNKVA A</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: LSM14A

Alternative Name: Protein LSM14 homolog A-B (lsm14a-b) ([LSM14A Products](#))

Background: Recommended name: Protein LSM14 homolog A-B.
Alternative name(s): RNA-associated protein 55A-B.
Short name= RAP55A-B

UniProt: [Q8AVJ2](#)

Pathways: [Activation of Innate immune Response](#), [Ribonucleoprotein Complex Subunit Organization](#)

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 modiflicated 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.