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Datasheet for ABIN1647770
LIA1 Protein (AA 1-318) (His tag)

Overview

Quantity:	1 mg
Target:	LIA1
Protein Characteristics:	AA 1-318
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSEPVPQAV IDELERVLVN LDKSNPLSFR YRALFSLNAL AKKGDKRAVD AIYKAFIDDS ELLKHEMAYV MGQSGQQYAV QPLINIVNDL DQQVMVRHEA AEALGALGFT ESLPVLEKYY KEDPLAPIRE TCELAIRIQ WKNGLDKNNE KITPSMYDSV VDPAPPMPDH EQDVKSEVAK LRSEIVDQNL PLFYRYRVMF RLRNIGNEEA VLALTDGFKD PSPLFRHEIA FVFGQMIAPA SVPALIKVLE NTEEVPMVRH EAAEALGGIA NDECLPVLKK FSKDDVRVVA ESCIVALDMI EYEKSGDMEY AYIPKVSA
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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:	LIA1
Alternative Name:	Deoxyhypusine Hydroxylase (Lia1) (LIA1 Products)
Background:	Recommended name: Deoxyhypusine hydroxylase. Short name= DOHH. EC= 1.14.99.29. Alternative name(s): Deoxyhypusine dioxygenase Deoxyhypusine monooxygenase
UniProt:	Q9P6K9

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.