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Datasheet for ABIN1478288

RPLP0 Protein (AA 1-312) (His tag)

Overview

Quantity:	1 mg
Target:	RPLP0
Protein Characteristics:	AA 1-312
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPLP0 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGGIREKKAE YFAKLREYLE EYKSLFVVG V DNVSSQQMHE VRKELRGRAV VLMGKNTMVR RAIRGFLSDL PDFEKLLPFV KGNVGFVFTN EPLTEIKNVI VSNRVAAPAR AGAVAPEDIW VRVNTGMEP GKTSFFQALG VPTKIARGTI EIVSDVKVVD AGNKVGQSEA SLLNLLNISP FTFGLTVVQV YDNGQVFPSS ILDTDEELV SHFVSAVSTI ASISLAIGYP TLPSVGHTLI NNYKDLLAVA IAASYHYPEI EDLVDRINP EKYAAAAPAA TSAASGDAAP AEEEEEEEE ESDDDMGFGL FD
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers 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:	RPLP0
Alternative Name:	60S acidic ribosomal protein P0 (RPP0) (RPLP0 Products)
Background:	Recommended name: 60S acidic ribosomal protein P0. Short name= A0. Alternative name(s): L10E
UniProt:	P05317

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