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Datasheet for ABIN1473510

Overview

LUM Protein (AA 1-192) (His tag)



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Quantity:	1 mg
Target:	LUM
Protein Characteristics:	AA 1-192
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LUM protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	LQWLILDHNL LENSKIKGKV FSKLKQLKKL HINHNNLTES VGPLPKSLED LQLTHNKITK
	LGSFDGLLNL TFVHLQHNQL KEDAVSAAFK GLKSLEYLDL SFNQMSKLPS GLPASLLTLY
	LDNNKISDIP DEYFKRFNGL QYLRLSHNEL ADSGIPGNSF NISSLVELDL SYNKLKNIPT
	VNENLENYYL EV
Specificity:	Oryctolagus cuniculus (Rabbit)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Target Details

Purity:

Target: LUM

> 90 %

cells or by baculovirus infection. Be aware about differences in price and lead time.

Target Details

Abstract:	LUM Products	
Background:	Recommended name: Lumican. Alternative name(s): Keratan sulfate proteoglycan lumican.	
	Short name= KSPG lumican	
UniProt:	046379	
Pathways:	Glycosaminoglycan Metabolic Process	

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.