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Datasheet for ABIN1616697

**LGMN Protein (AA 18-323) (His tag)**

## Overview

Quantity:	1 mg
Target:	LGMN
Protein Characteristics:	AA 18-323
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LGMN protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	VPI DDPEDGGKHW VVIVAGSNGW YNYRHQADAC HAYQIIHRNG IPDEQIVMM YDDIAYSEDN PTPGIVINRP NGTDVYQGVP KDYTGEDVTP QNFLAVLRGD AEAVKGIGSG KVLKSGPQDH VFVYFTDHGS TGILVFPNED LHVKDLNETI YYMYKHKMYR KMFVYIEACE SGSMMNHLPD NINVYATTAA NPRESSYACY YDEKRSTYLG DWYSVNW MED SDVEDLTKET LHKQYHLVKS HTNTSHVMQY GNKTISTMKV MQFQGMKHA SSPLSLPPVT HLDLTPSPDV PLTIMKRKLM NTN
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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

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Target:	LGMN
Abstract:	<a href="#">LGMN Products</a>
Background:	Recommended name: Legumain. EC= 3.4.22.34. Alternative name(s): Asparaginyl endopeptidase Protease, cysteine 1
UniProt:	<a href="#">Q4R4T8</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D, Activation of Innate immune Response, Toll-Like Receptors Cascades</a>

## Application Details

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Comment:	<p>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.</p>
Restrictions:	For Research Use only

## Handling

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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.