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Datasheet for ABIN1461847

**CD11b Protein (AA 1-126) (His tag)**

## Overview

Quantity:	1 mg
Target:	CD11b (ITGAM)
Protein Characteristics:	AA 1-126
Origin:	Guinea Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD11b protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	QLELPVKYAV YLIVTSGEAS TTYLNFTTSE KTIQTMKHQY KFTNLGKRSL PISVFWVPV RLNNEIVWDR PQVTFSPNLS SACNTEERSP PHSDFLAELE KTHVLNCSIA VCQRIACDIP YFNIQE
Specificity:	Cavia porcellus (Guinea pig)
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:	CD11b (ITGAM)
Alternative Name:	Integrin alpha-M (ITGAM) ( <a href="#">ITGAM Products</a> )

## Target Details

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Background:	Recommended name: Integrin alpha-M. Alternative name(s): CD11 antigen-like family member B CR-3 alpha chain Cell surface glycoprotein MAC-1 subunit alpha Leukocyte adhesion receptor MO1 CD_antigen= CD11b
UniProt:	<a href="#">P11578</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

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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

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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.