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Datasheet for ABIN1473239

## MAN1A1 Protein (AA 1-469) (His tag)

### Overview

Quantity:	1 mg
Target:	MAN1A1
Protein Characteristics:	AA 1-469
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAN1A1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>REPADAAVRE KRAKIKEMME HAWNSYKRYA WGLNELKPIT KEGHSSSLFG TIKGATIVDA</p> <p>LDTLFIMGME SEFQEAQSWI AENLDFNVNA EISVFEVNIR FVGGLLSAYY LSGEEIFRKK</p> <p>AVELGIKLLP AFHTPSGIPW ALLNIKSGIG RNWPWASGGS SILAEFGTLH LEFMHLSHLS</p> <p>GNPIFAEKVM NIRKVLNKLK KPEGLYPNYL NPSSGQWGQH HVSIGGLGDS FYEYLLKAWL</p> <p>MSEKTDLEAK KMYFDAVQAI ETHLIRKSSG GLTYIAEWKG GLEHKMGHL TCFAGGMFAL</p> <p>GADGAPEGRA QHYLELGAEI ARTCHESYNR TFMKLGPEAF RFDGGVEAIA TRQNEKYYIL</p> <p>RPEVVETMY MWRLTHDPKY RKWAVEAVEA LESHCRVNGG YSGLRDVYFT HEKYDQNVQQS</p> <p>FFLAETLKYL YLIFSDDDLL PLEHWIFNTE AHLLPILPTD QKEVEVKVK</p>
Specificity:	Oryctolagus cuniculus (Rabbit)
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.

## Product Details

Purity: > 90 %

## Target Details

Target: MAN1A1

Alternative Name: Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA (MAN1A1) ([MAN1A1 Products](#))

Background: Recommended name: Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA.  
EC= 3.2.1.113.  
Alternative name(s): Man(9)-alpha-mannosidase Mannosidase alpha class 1A member 1  
Processing alpha-1,2-mannosidase IA.  
Short name= Alpha-1,2-mannosidase IA

UniProt: [P45701](#)

## 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

## Handling

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