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Datasheet for ABIN1634934

**MANEA Protein (AA 1-462) (His tag)**

## Overview

Quantity:	1 mg
Target:	MANEA
Protein Characteristics:	AA 1-462
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MANEA protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MAKFRRGTCI ILALFILFIF SLMMGLKMLR PNTATFGAPF GLDLLPELHQ RTVHLGKSFD FQKSDRINSE TNTKNLKSVE ITMKPSKASE LNLDELPLN NYLHVFYYSW YGNPQFDGKY IHWNHVPVLEH WDPRIAKNYP QGRHNPPDDI GSSFYPELGS YSSRDPSVIE THMRQMRSAS IGVLALSWYP PDVNDENGEP TDNLVPTILD KAHKYNLKVT FHIEPYSNRD DQNMVKYKVKY IIDKYGNHPA FYRYKTKTGN ALPMFYVYDS YITKPEKWAN LLTTSWSWSI RNSPYDGLFI ALLVEEKHKY DILQSGFDGI YTYFATNGFT YGSSHQNWAS LKLFCDKYNL IFIPSVGPGY IDTSIRPWNT QNTRNRINGK YYEIALSAAL QTHPSLISIT SFNEWHEGTQ IEKAVPKRTS NTVYLDYRPH KPGLYLELTR KWSEKYSKER ATYALDHQLP VS
Specificity:	Pongo abelii (Sumatran orangutan)
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

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Purity: > 90 %

## Target Details

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Target: MANEA

Alternative Name: Glycoprotein endo-alpha-1,2-mannosidase (MANEA) ([MANEA Products](#))

Background: Recommended name: Glycoprotein endo-alpha-1,2-mannosidase.  
Short name= Endo-alpha mannosidase.  
Short name= Endomannosidase.  
EC= 3.2.1.130

UniProt: [Q5RD93](#)

## 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

## Handling

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