Datasheet for ABIN7585024

alpha-Mannosidase II Protein (AA 1-489) (His tag)

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Overview

Quantity:	100 µg
Target:	alpha-Mannosidase II (MAN2A1)
Protein Characteristics:	AA 1-489
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This alpha-Mannosidase II protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GFSPHIIRVE RKGQLSILQE KIDHLERLLA ENNEIISNIR DSVINLSESV EDGPRGPAGN ASQGSAHLHS AQLALQADPK DCLFASQSGN QHRDVQMLDV YDLIPFDNPD GGVWKQGFDI KYEADEWDRE PLQVFVVPHS HNDPGWLKTF NDYFRDKTQY IFNNMVLKLK EDSSRKFIWS EISYLAKWWD IIDNPKKEAV KSLLQNGQLE IVTGGWVMAD EATTHYFALI DQLIEGHQWL EKNLGVKPRS GWAIDPFGHS PTMTYLLKRA GFSHMLIQRV HYSVKKHFSL QKTLEFFWRQ NWDLGSTTDI LCHMMPFYSY DIPHTCGPDP KICCQFDFKR LPGGRYGCPW GVPPEAISPG NVQSRAQMLL DQYRKKSKLF RTKVLLAPLG DDFRFSEYTE WDLQYRNYEQ LFSYMNSQPH LKVKIQFGTL SDYFDALEKS VAAEKKGGQS VFPALSGDFF TYADRDDHYW SGYFTSRPFY KRMDRIMEF
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	alpha-Mannosidase II (MAN2A1)
Alternative Name:	Alpha-mannosidase 2 (Man2a1) (MAN2A1 Products)
Background:	Recommended name: Alpha-mannosidase 2. EC= 3.2.1.114. Alternative name(s): Golgi alpha-mannosidase II. Short name= AMan II. Short name= Man II Mannosidase alpha class 2A member 1 Mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase
UniProt:	P28494

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

Handling

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