Datasheet for ABIN7588242

FUCA1 Protein (AA 23-468) (His tag)

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Overview

Quantity:	100 µg
Target:	FUCA1
Protein Characteristics:	AA 23-468
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUCA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VRLPPCTD PRHCTDPPRY TPDWPSLDSR PLPAWFDEAK FGVFVHWGVF SVPAWGSEWF WWHWQGEKLP QYESFMKENY PPDFSYADFG PRFTARFFNP DSWADLFKAA GAKYVVLTTK HHEGYTNWPS PVSWNWNSKD VGPHRDLVGE LGTAIRKRNI RYGLYHSLLE WFHPLYLRDK KNGFKTQYFV NAKTMPELYD LVNRYKPDLI WSDGEWECPD TYWNSTDFLA WLYNDSPVKD EVVVNDRWGQ NCSCHHGGYY NCKDKFQPET LPDHKWEMCT SIDQRSWGYR RDMEMADITN ESTIISELVQ TVSLGGNYLL NVGPTKDGLI VPIFQERLLA VGKWLSINGE AIYASKPWRV QSEKNSVWYT SKGLAVYAIL LHWPEYGILS LISPIATSTT KVTMLGIQKD LKWSLNPSGK GLLVFLPQLP PAALPTEFAW TIKLTGVK
Specificity:	Bos taurus (Bovine)
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:	FUCA1
Alternative Name:	Tissue alpha-L-fucosidase (FUCA1) (FUCA1 Products)
Background:	Recommended name: Tissue alpha-L-fucosidase. EC= 3.2.1.51. Alternative name(s): Alpha-L-fucosidase I Alpha-L-fucoside fucohydrolase 1. Short name= Alpha-L-fucosidase 1
UniProt:	Q2KIM0
Pathways:	Glycosaminoglycan Metabolic Process

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.