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Datasheet for ABIN1635619

## FUCA2 Protein (AA 24-459) (His tag)

### Overview

Quantity:	1 mg
Target:	FUCA2
Protein Characteristics:	AA 24-459
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUCA2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>LSYDPTW ESLDRRPLPA WFDQAKFGIF IHWGVFSVPS FGSEFWWWYW QKERRPKFVD</p> <p>FMDNNYPPGF KYEDFGVLFT AKYFNANQWA DLLQASGAKY VVLTSKHHEG FTLWGSAHSW</p> <p>NWNAVDEGPK RDIVKELEVA VRNRTDLHFG LYSLFEWFH PLFLEDQSSA FQKQRFPAK</p> <p>TLPELYELVT KYQPEVLWSD GDGGAPDHYW NSTDFLAWLY NESPV RDTVV TNDRWGAGSI</p> <p>CKHGGYYTCS DRYNPGHLLP HKWENCMTID KFSWGYRREA EIGDYLTIEE LVKQLVETVS</p> <p>CGGNLLMNIG PTLDGIIPVI FEERLRQMGT WLKVNGEAIY ETHWRSQND TVTPDVWYTS</p> <p>KPEKKLVYAI FLKWPISGKL FLGQPIGSLG ETEVELLGHG RPLTWTSSKP SGIVVELPRL</p> <p>SVHQMPCKWG WTLALTNVT</p>
Specificity:	Rattus norvegicus (Rat)
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: FUCA2

Alternative Name: Plasma alpha-L-fucosidase (Fuca2) ([FUCA2 Products](#))

Background: Recommended name: Plasma alpha-L-fucosidase.  
EC= 3.2.1.51.  
Alternative name(s): Alpha-L-fucoside fucosylhydrolase 2.  
Short name= Alpha-L-fucosidase 2

UniProt: [Q6AYS4](#)

## 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 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

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.