

Datasheet for ABIN1636686  
**FUCA1 Protein (AA 24-506) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FUCA1
Protein Characteristics:	AA 24-506
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUCA1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	SSLLKPH PCPILPLPSS QQLQWQLGSM AMFLHFGPNT FTDSEWGTGK ANPSIFNPTH LNASQWVQIA KDSGFSRVIL TAKHHDGFCL WPSEYTDYSV KSSQWRNGAG DVVAELASAA KEAGIGLGLY LSPWDRHEQC YGKTLEYNEF YLSQMTPELLT KYGEIKEVWL DGAKEGDGEKD MEYFFDTWFS LIHQLQPKAV IFSDAGPDVR WIGDEAGLAG STCWSLFNRT NAKIGDTEPS YSQEGDGYGQ DWVPAECDVS IRPGWFWHAS ESPKPAVQLL DIYNSVGRN CLFLLNVPPN SSGLISEQDI KVLEEFSEMK NSIFSNNLAR KAFVNSSSIR GDQSSQFGPK NVLEEGLDKY WAPEENQNEW VLYLEFKDLV SFNVLEIREP IHMGQRIASF HLETRKTGSG EWERVVSGTT VGNKRLLRFL NVVESRSLKL VVDKARTDPL ISYLGlyMDK FSGSSRNNTK ITITRTLKEE QQLHDL
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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: FUCA1

Alternative Name: Alpha-L-fucosidase 1 (FUC1) ([FUCA1 Products](#))

Background: Recommended name: Alpha-L-fucosidase 1.  
EC= 3.2.1.51.  
Alternative name(s): Alpha-1,3/4-fucosidase.  
Short name= AtFUC1 Alpha-L-fucoside fucosylhydrolase

UniProt: [Q8GW72](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## 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

## Handling

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Storage: -20 °C

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