

Datasheet for ABIN7590754

FUCA1 Protein (AA 24-506) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
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 PCPILPLSS QQLQWQLGSM AMFLHFGPNT FTDSEWGTGK ANPSIFNPTH LNASQWVQIA KDSGF SRVIL TAKHHDGFCL WPSEYTDYSV KSSQWRNGAG DVVAELASAA KEAGIGLGLY LSPWDRHEQC YGKTLEYNEF YLSQMTELLT KYGEIKEVWL DGA KGDGEKD MEYFFDTWFS LIHQLQPKAV IFSDAGPDVR WIGDEAGLAG STCWSLFNRT NAKIGDTEPS YSQEGDGYGQ DWVPAECDVS IRPGWFWHAS ESPKPAVQLL DIYNSVGRN CLFLLNVPPN SSGLISEQDI KVL EEFSEMK NSIFSNNLAR KAFVNSSSIR GDQSSQFGPK NVLEEGLDKY WAP EENQNEW VLYLEFKDLV SFNVLEIREP IHMGQRIASF HLETRKTGSG EWERVVS GTT VGNKRLRLFL NVVESRSLKL VVDKARTDPL ISYLGLYMDK FSGSSRNTTK 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

Purity: > 90 %

Target Details

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

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

Handling

Storage: -20 °C

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