Datasheet for ABIN7590494

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

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| 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: | LSYDPTW ESLDRRPLPA WFDQAKFGIF IHWGVFSVPS FGSEWFWWYW QKERRPKFVD FMDNNYPPGF KYEDFGVLFT AKYFNANQWA DLLQASGAKY VVLTSKHHEG FTLWGSAHSW NWNAVDEGPK RDIVKELEVA VRNRTDLHFG LYYSLFEWFH PLFLEDQSSA FQKQRFPVAK TLPELYELVT KYQPEVLWSD GDGGAPDHYW NSTDFLAWLY NESPVRDTVV TNDRWGAGSI CKHGGYYTCS DRYNPGHLLP HKWENCMTID KFSWGYRREA EIGDYLTIEE LVKQLVETVS CGGNLLMNIG PTLDGIIPVI FEERLRQMGT WLKVNGEAIY ETHTWRSQND TVTPDVWYTS KPEKKLVYAI FLKWPISGKL FLGQPIGSLG ETEVELLGHG RPLTWTSSKP SGIVVELPRL SVHQMPCKWG WTLALTNVT |
| 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: | FUCA2 |
| Alternative Name: | Plasma alpha-L-fucosidase (Fuca2) (FUCA2 Products) |
| Background: | Recommended name: Plasma alpha-L-fucosidase.<br>EC= 3.2.1.51.<br>Alternative name(s): Alpha-L-fucoside fucohydrolase 2.<br>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 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 |
| Storage: | -20 °C |

## Handling

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