Datasheet for ABIN1661797
Chitotriosidase 1 Protein (AA 21-493) (His tag)


## Overview

| Quantity: | 1 mg |
| :--- | :--- |
| Target: | Chitotriosidase 1 (CHIT1) |
| Protein Characteristics: | AA 21-493 |
| Origin: | Rhizopus niveus |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Chitotriosidase 1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

Sequence:
AYSSNGVNVM YYWGQNSAGG SNTQGSLVSY CQSGQVDVII LSFLNKFNMG GLPEINLASA CEQTFFPNTN LLHCPTVGSD IKTCQSNGVK VLLSLGGAAG SYGFSSDSEG QTFAETIWNL FGGGTSDTRP FDDAVIDGID LDIEGGSSTG YAAFVTALRS KGHFLIGAAP QCPFPDAILG SVIDAVGLDF VNVQFYNNVC SVASGSSFNF DVWNDWAKNK SPNKNIKVML TVPGSSTAAG SGYASIAELG PIVSSVISQY SSFGGVSVWD ASQAWNNNGF HSELYSIVHG SSAALGQAAR KTPFPNTSSI TTTSLATASS ALFPLLYAGR SCSSQSKVSC TSTGSYTICN YGKWVTAPCP PGVICLSSAQ SNNTDLTVSA QFFITSFAGG SFKAIINARR TTLTPFEKMK TIEFTVPDHV RLSQCNLGKI EQVGRSVRIR LKDHPNMAFV LNLSGNVSSD AFVAPDPSSW RFS

Specificity:

Characteristics:

Rhizopus niveus

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.

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\text { Purity: } \quad>90 \%
$$

Target Details

| Target: | Chitotriosidase 1 (CHIT1) |
| :--- | :--- |
| Alternative Name: | Chitinase $1(\mathrm{CHI} 1)(\mathrm{CHIT1} 1$ Products) |
| Background: | PCommended name: Chitinase 1. |
| UniProt: | The yeast protein expression system is the most economical and efficient eukaryotic system <br> for secretion and intracellular expression. A protein expressed by the mammalian cell system is <br> of very high-quality and close to the natural protein. But the low expression level, the high cost <br> 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 |  |


| Handling |  |
| :--- | :--- |
| Format: | Lyophilized |
| Concentration: | $0.2-2 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | Tris-based buffer, $50 \%$ glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at $4^{\circ} \mathrm{C}$ for up to |
|  | one week |
| Storage: | $-20^{\circ} \mathrm{C}$ |

