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Datasheet for ABIN1634727  
**POFUT1 Protein (AA 33-395) (His tag)**

### Overview

Quantity:	1 mg
Target:	POFUT1
Protein Characteristics:	AA 33-395
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POFUT1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	GGSWDLAG YLLYCPCMGR FGNQADHFLG SLAFKLLNR TLAVPPWIEY QHHKPPFTNL HVSYQKYFKL EPLQAYHRVI SLEDFMEKLA PFHWPPEKRV AYCFEVAAQR SPDKKTCPMK EGNPFPGPFWD QFHVSFNKSE LFTGISFSAS YKEQWQRFP PKEHPVLALP GAPAQFPVLE EHRELQKYMV WSDVMVRTGE AQISTHLVRP YVGIHLRIGS DWKNACAMLK DGTAGSHFMA SPQCVGYRSR TATPLTTTMC LPDLKEIQRA VKLWVRALDA RSVYIATDSE SYVSEIQQLF KEKVKVSLK PEVAQIDLVI LGQADHFIGN CVSSFTAFVK RERDLHGRPS SFFGMDRPSQ LRDEF
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.
Purity:	> 90 %

## Target Details

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Target:	POFUT1
Alternative Name:	GDP-fucose protein O-fucosyltransferase 1 (Pofut1) ( <a href="#">POFUT1 Products</a> )
Background:	Recommended name: GDP-fucose protein O-fucosyltransferase 1. EC= 2.4.1.221. Alternative name(s): Peptide-O-fucosyltransferase 1. Short name= O-FucT-1
UniProt:	<a href="#">Q6EV70</a>
Pathways:	<a href="#">Notch Signaling</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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