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Datasheet for ABIN1633069

## FUT10 Protein (AA 1-483) (His tag)

### Overview

Quantity:	1 mg
Target:	FUT10
Protein Characteristics:	AA 1-483
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUT10 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MVRIPRRKLL PSCLCMTATV FLMVTVQVLV ELGKFERKKF KNSDLQDGQK DVEGDPKHLN</p> <p>PLPKDALAL SGRNKVDAGS YPIVLWWSPL TGETGRLGQC GADACFFTIN RTFQHHPMTK</p> <p>AFLFYGTDFN IDSLPLRKA HHDWALFHEE SPKNNYKLFH KPVITLFNHT ATFSRHSDLP</p> <p>LTTQYLESVE VLKSLRYLVP LQSKNNLRQK LAPLVYVQSD CDPPSDRDSY VRELMAYIEV</p> <p>DSYGECLQNK HLPQQLKNPA SMDADAFYRV LAQYKFILAF ENAVCDDYIT EKFWRPLKLG</p> <p>VVPVYYGSPT IADWLPSNRS AILVSEFSHP RELASFIRRL DYDDGLYETY VEWKLKGEIS</p> <p>NQRLLTALRE REWGVQDINQ DNYIDTFECM VCRRVWANRR LQEQGLPPKQ WKADVSHLHC</p> <p>PEPTLFAFSS PASPALRGRS LRELWLPSFQ QSKKEAQLR WLVDNRNQNFSEEFWALVFK DSF</p>
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.

## Product Details

Purity: > 90 %

## Target Details

Target: FUT10

Alternative Name: Alpha- (1,3)-fucosyltransferase 10 (Fut10) ([FUT10 Products](#))

Background: Recommended name: Alpha-(1,3)-fucosyltransferase 10.  
EC= 2.4.1.-.  
Alternative name(s): Fucosyltransferase X.  
Short name= Fuc-TX.  
Short name= FucT-X Galactoside 3-L-fucosyltransferase 10.  
Short name= Fucosyltransferase 10

UniProt: [Q5F2L1](#)

## 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

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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.