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Datasheet for ABIN1675597

GXYLT1 Protein (AA 1-435) (His tag)

Overview

Quantity:	1 mg
Target:	GXYLT1
Protein Characteristics:	AA 1-435
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GXYLT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MRRYLRVVG LCLACGFC SLLYAFSQLAVSL EEGAAVGRRP QAAVASWLAD GGRGTGRGAG</p> <p>SAGPGRTGRC KEVSLSYWN P YWMLPSDVCG VNCFWEEA FR YGLKTRPTEK MHLAVVACGD</p> <p>RLEETVTMLK SALIFS I KPL HVHIFAEDQL HDSFKDRLDS WSFLQRFNYS LYPITFPSDS</p> <p>AMEWKKLFKP CASQRLFLPL ILKGVD SLLY VDTDVLF LRP VDDIWSLLER FNSTQIAAMA</p> <p>PEHEEPRVGW YNRFARHPYY GRTGVNSGVM LMNMTRMRRK YFKN DMTTAR LQWGDILMPL</p> <p>LKKYKLNITW GDQDLLNIMF YHNPE SLFVF PCQWNYR PDH CIYGSNCREA EEGV FILHG</p> <p>NRGVYHDDKQ PAFRAMYEAL RNCSLEDDSV RSL LKPLELE LQKTVHTYCG KTYKIFIKQL</p> <p>AKSIRNRYDT PPKER</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: GXYLT1

Abstract: [GXYLT1 Products](#)

Background: Recommended name: Glucoside xylosyltransferase 1.
EC= 2.4.2.n2.
Alternative name(s): Glycosyltransferase 8 domain-containing protein 3 S33-D

UniProt: [Q6GX83](#)

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 modiflicated 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.