

Datasheet for ABIN6387809

POGLUT1 Protein (AA 24-392) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	POGLUT1
Protein Characteristics:	AA 24-392
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POGLUT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	RQKESGSKWK VFIDQINRSL ENYEPSSQN CSCYHGVIEE DLTPFRGGIS RKMMAEVRR KLGTHYQITK NRLYRENDM FPSRCSGVEH FILEVIGRLP DMEVINVRD YPQVPKWMEP AIPVFSFSKT SEYHDIMYPA WTFWEGPAV WPIYPTGLGR WDLFREDLVR SAAQWPWKKK NSTAYFRGSR TSPERDPLIL LSRKNPKLVD AEYTKNQAWK SMKDTLGKPA AKDVHLVDHC KYKYLNFNFRG VAASFRFKHL FLCGSLVFHV GDEWLEFFYP QLKPWVHYIP VKTDLSNVQE LLQFVKANDD VAQEIAERGS QFIRNHLQMD DITCYWENLL SEYSKFLSYN VTRRKGYDQI IPKMLKTELL EHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

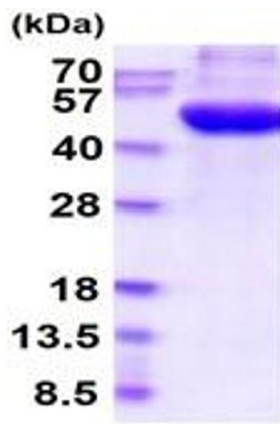
Target:	POGLUT1
Alternative Name:	POGLUT1 (POGLUT1 Products)
Background:	POGLUT1, also known as protein O-glucosyltransferase 1, is a homologue of Rumi from <i>Drosophila</i> , an endoplasmic reticulum (ER)-retaining glucosyltransferase that adds glucose to serine residues within the consensus sequence of C1-X-S-X-P-C2 in Notch EGF repeats, thereby regulating cell-fate decisions. Recombinant human POGLUT1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	44.5kDa (377aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_689518
UniProt:	Q8NBL1
Pathways:	Notch Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.