

Product Information

MemDX™ Membrane Protein Human B3GLCT (Beta 3-glucosyltransferase expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0113X**

This product is for research use only and is not intended for diagnostic use.

This product is a 83 kDa Human B3GLCT membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

B3GLCT

Protein Length

Full-length

Molecular Weight

83 kDa

TMD

1

Sequence

MRPPACWWLLAPPALLALLTCSLAFGLASEDTKKEVKQSQDLEKSGISRKNDIDLGIVFVIQSQSNSFHAKRAEQLKKSILKQAADL

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

B3GLCT

Full Name

Beta 3-glucosyltransferase

Introduction

The protein encoded by this gene is a beta-1,3-glucosyltransferase that transfers glucose to O-linked fucosylglycans on thrombospondin type-1 repeats (TSRs) of several proteins. The encoded protein is a type II membrane protein. Defects in this gene are a cause of Peters-plus syndrome (PPS)

Alternative Names

B3GTL; B3Glc-T; Gal-T; beta3Glc-T; OTTHUMP00000018218; beta 3-glycosyltransferase-like,galactosyltransferase

Gene ID

[145173](#)

UniProt ID

[Q6Y288](#)