

Product Information

MemDX™ Membrane Protein Human RXYLT1 (Ribitol xylosyltransferase 1)

Cat. No.: **MP0005J**

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

This product is a 51 kDa Human RXYLT1 membrane protein expressed in HEK293T. 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

RXYLT1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

51 kDa

TMD

1

Sequence

MRLTRKRLCSFLIALYCLFSLYAAYHVFFGRRRQAPAGSPRGLRKGAAPARERRGREQSTLESEEWNPWEGDEKNEQQHRFKTSLQILDKSTKGKTDLSVQIWGKAAIGLYLWEHIFEGLLDPSDVTAQWREGKSIVGRTQYSFITGPAVIPGYFSVDVNNVVLILNGREKAKIFYATQWLLYAQNLVQIQKLQHLAVVLLGNEHCDNEWINPFLKRNGGFVELLFIIYDSPWINDVDVFQWPLGVATYRNFVVEASWSMLHDERPYLCNFLTITYENS SRQALMNILKKDGNDKLCWVSAREHWQPQETNESLKNYQDALLQSDLTLCVGVNTECYRIYEACSYGSI PVVEDVMTAGNCGNTSVHHGAPLQLLKSMGAPFIFIKNWKELPAVLEKEKTIILQEKIERRKMLLQWYQH FKTELKMKFTNILESSFLMNNKS

Product Description

Activity

Yes

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

RXYLT1

Full Name

Ribitol xylosyltransferase 1

Introduction

This gene encodes a type II transmembrane protein that is thought to have glycosyltransferase function. Mutations in this gene result in cobblestone lissencephaly. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

HP10481; MDDGA10; TMEM5; ribitol-5-phosphate xylosyltransferase 1; UDP-D-xylose:ribitol-5-phosphate beta1,4-xylosyltransferase; transmembrane protein 5

Gene ID

[10329](#)

UniProt ID

[Q9Y2B1](#)