

Product Information

MemDX™ Membrane Protein Human XYLT1 (Xylosyltransferase 1) for Antibody Discovery

Cat. No.: **MP0001Q**

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

This product is a 108.9 kDa Human XYLT1 membrane protein expressed in HEK293. 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

XYLT1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

108.9 kDa

TMD

1

Sequence

MVAAPCARRLARRSHSALLAALTVLLLQTLVWVNFSSLDGAGERRGGAAVGGGEQPPPAPAPRRERRDLPAEPAAARGGGGGG

Product Description

Expression Systems

HEK293

Tag

His

Form

Powder

Purity

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

Buffer

PBS, pH7.4, 10% glycerol

Storage

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

Target**Target Protein**

XYLT1

Full Name

Xylosyltransferase 1

Introduction

This locus encodes a xylosyltransferase enzyme. The encoded protein catalyzes transfer of UDP-xylose to serine residues of an acceptor protein substrate. This transfer reaction is necessary for biosynthesis of glycosaminoglycan chains. Mutations in this gene have been associated with increased severity of pseudoxanthoma elasticum.

Alternative Names

DBQD2; PXYLT1; XT-I; XT1; XT1; xyIT-I; XYLT1; Peptide O-xylosyltransferase 1; Xylosyltransferase I

Gene ID

[64131](#)

UniProt ID

[Q86Y38](#)