

Product Information

MemDX™ Membrane Protein Human RFT1 (RFT1 homolog) Full Length

Cat. No.: **MPC3558K**

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

This product is a made-to-order Human RFT1 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

RFT1

Protein Length

Full length

Protein Class

Transporter

TMD

12

Sequence

MGSQEVLGHAARLASSGLLLQVLFRITFVLNAFILRFLSKEIVGVVNVRL
LTLLYSTTLFLAREAFRRACLSGGTQRDWSQTLNLLWLTVPPLGVFWSLFL
GWIWLQLLEVPDPNVPHYATGVVLFGLSAVVELLGEPFWVLAQAHMFVK
LKVIAESLSVILKSVLTAFLVLWLPWGLYIFSLAQLFYTTVLVLCYVIY
FTKLLGSPESTKLQTLPVSRITDLLPNITRNGAFINWKEAKLTWSFFKQS
FLKQILTEGERYVMTFLNVLNFGDQGVYDIVNNLGSVARLIFQPIEESF
YIFFAKVLERGKDATLQKQEDVAVAAVLESLLKLALLAGLTITVFGFAY
SQLALDIYGGTMLSSGSGPVLLRSYCLYVLLLAINGVTECFTEAAMSKEE
VDRYNFVMLALSSSFLVLSYLLTRWCGSVGFILANCFNMGIRITQSLCFI
HRYRRSPHRPLAGLHLSPVLLGTFALSGGVTAVSEVFLCCEQGWPARLA
HIAVGAFCLGATLGTAFLETETKLIHFLRTQLGVPRRTDKMT

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

RFT1

Full Name

RFT1 homolog

Introduction

This gene encodes an enzyme which catalyzes the translocation of the Man(5)GlcNAc (2)-PP-Dol intermediate from the cytoplasmic to the luminal side of the endoplasmic reticulum membrane in the pathway for the N-glycosylation of proteins. Mutations in this gene are associated with congenital disorder of glycosylation type 1n.

Alternative Names

RFT1; CDG1N; protein RFT1 homolog; RFT1, requiring fifty three 1 homolog; congenital disorder of glycosylation 1N; putative endoplasmic reticulum multispan transmembrane protein; RFT1 homolog

Gene ID

[91869](#)

UniProt ID

[Q96AA3](#)