

Product Information

MemDX™ Membrane Protein Human MAN1A1 (Mannosidase alpha class 1A member 1) Full Length

Cat. No.: **MPC2460K**

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

This product is a made-to-order Human MAN1A1 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

MAN1A1

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MPVGGLLPLFSSPAGGVLGGGLGGGGGRKGSGPAALRLTEKFVLLLVFSA
FITLCFGAIFFLPDSSKLLSGVLFHSSPALQPAADHKPGPGARAEDAAEG
RARRREGAPGDPEAALEDNLARIRENHERALREKETLQKLPEEIQRDI
LLEKKKVAQDQLRDKAPFRGLPPVDFVPPIGVESREPADAAIREKRAKIK
EMMKHAWNNYKGYAWGLNELKPISKGGHSSSLFGNIKGATIVDALDTLFI
MEMKHEFEEAKSWVEENLDFNVNAEISVFEVNIRFVGGLLSAYYLSGEEI
FRKKAVELGVKLLPAFHTPSGIPWALLNMKSGIGRNWPWASGGSSILAEF
GTLHLEFMHLSHLSGNPIFAEKVMNIRTVLNKLEKPQGLYPNYLNPSSGQ
WGQHHVSVGGGLGDSFYEYLLKAWLMSDKTDLEAKKMYFDAVQAIETHLIR
KSSSGLTYIAEWKGGLLLEHKMGHLTCFAGGMFALGADAAPEGMAQHYLEL
GAEIARTCHESYNRTFMKLGPEAFRFDGGVEAIATRQNEKYYILRPEVME
TYMYMWRLTHDPKYRKWAVEAVEALENHCRVNGGYSGLRDVYLLHESYDD
VQQSFFLAETLKYLYLIFSDDDLLPLEHWIFNSEAHLLPILPKDKKEVEI
REE

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**

MAN1A1

Full Name

Mannosidase alpha class 1A member 1

Introduction

This gene encodes a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. This protein catalyzes the hydrolysis of three terminal mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases.

Alternative Names

MAN1A1; MAN9; HUMM3; HUMM9; mannosyl-oligosaccharide 1,2-alpha-mannosidase IA; Man9-mannosidase; alpha-1,2-mannosidase IA; man(9)-alpha-mannosidase; processing alpha-1,2-mannosidase IA; Mannosidase alpha class 1A member 1

Gene ID

[4121](#)

UniProt ID

[P33908](#)