

Product Information

MemDX™ Membrane Protein Human FUT6 (Fucosyltransferase 6) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3853K**

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

This product is a Human FUT6 membrane protein expressed *in vitro* *E.coli* 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

FUT6

Protein Length

Full Length

Protein Class

Transferase

TMD

1

Sequence

MDPLGPAKPQWSWRCCLTLLFQLLMAVCFFSYLRVSQDDPTVYPNGSRFPDSTGTPAHSIPLILLWTWPFNKPIALPRCSEMVP

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

FUT6

Full Name

Fucosyltransferase 6

Introduction

The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene.

Alternative Names

FUT6; FT1A; FCT3A; Fuc-TVI; FucT-VI; 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase FUT6; alpha-(1,3)-fucosyltransferase 6; fucosyltransferase 6 (alpha (1,3) fucosyltransferase); fucosyltransferase VI; galactoside 3-L-fucosyltransferase; Fucosyltransferase 6

Gene ID

[2528](#)

UniProt ID

[P51993](#)