

Product Information

MemDX™ Membrane Protein Human FUT6 (Fucosyltransferase 6) Full Length

Cat. No.: **MPC4464K**

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

This product is a made-to-order Human FUT6 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

FUT6

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MDPLGPAKPQWSWRCCLTLLFQLLMAVCFFSYLRVSQDDPTVYPNGSRF
PDSTGTPAHSIPLILLWTWPFNKPIALPRCSEMVPGTADCNITADRKVYP
QADAVIVHHREVMYNPSAQLPRSPRRQGQRWIWFSMESPSHCWQLKAMDG
YFNLTMSYRSDSDIFTPYGWLEPWSGQPAHPPLNLSAKTELVAWAVSNWG
PNSARVRYYYQSLQAHLKVDVYGRSHKPLPQGTMMETLSRYKFYLAFENSL
HPDYITEKLWRNALEAWAVPVVLGPSRSNYERFLPPDAFIHVDDFQSPKD
LARYLQELDKDHARYLSYFRWRETLRPRSFWSALAFCKACWKLQEEERYQ
TRGIAAWFT

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**

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](#)