

Product Information

MemDX™ Membrane Protein Human FUT8 (Fucosyltransferase 8) Full Length

Cat. No.: **MPC3675K**

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

This product is a made-to-order Human FUT8 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

FUT8

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MRPWTGSWRWIMLILFAWGTLIFYIGGHLVRDNDHPDHSSRELSKILAKL
ERLKQQNEDLRMAESLRPEGPIDQGPAIGRVRLVEEQLVKAKEQIENY
KKQTRNGLGKDHEILRRRIENGAKELWFFLQSELKKLKNLEGNELQRHAD
EFLDLGHHERSIMTDLYYLSQTDGAGDWREKEAKDLTELVQRRITYLQN
PKDCSKAKKLVCNINKGCGYGCQLHHVVYCFMIAYGTQRTLILESQNWRY
ATGGWETVFRPVSETCTDRSGISTGHWSGEVKDKNVQVVELPIVDSLHPR
PPYLPLAVPEDLADRLVRVHGDPVWVWSQFVKYLIRPQPWLEKEIEEAT
KKLGFKHPVIGVHVRRTDKVGTEAAFHPIEEYMHVVEEHFQLLARRMQVD
KKRVYLATDDPSLLKEAKTKYPNYEFISDNSISWSAGLHNRYTENSRLGV
ILDHFLSQADFLVCTFSSQVCRVAYEIMQTLHPDASANFHSLLDDIYYFG
GQNAHNQIAIYAHQPRTADEIPMEPGDIIGVAGNHWGYSKGVNRKLGRT
GLYPSYKVKREKIETVKYPTYPEAEK

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**

FUT8

Full Name

Fucosyltransferase 8

Introduction

This gene encodes an enzyme belonging to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternative splicing results in multiple transcript variants.

Alternative Names

FUT8; CDGF; CDGF1; alpha-(1,6)-fucosyltransferase; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase; GDP-fucose--glycoprotein fucosyltransferase; alpha1-6FucT; fucosyltransferase 8 (alpha (1,6) fucosyltransferase); glycoprotein 6-alpha-L-fucosyltransferase; Fucosyltransferase 8

Gene ID

[2530](#)

UniProt ID

[Q9BYC5](#)