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Product Information

MemDX™ Membrane Protein Human FUT4 (Fucosyltransferase 4) Full Length

Cat. No.: **MPC3687K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human FUT4 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
FUT4

Protein Length
Full length

Protein Class
Transferase

TMD
1

Sequence
MRRLWGAARKPSGAGWEKEWAEAPQEAPGAWSGRLGPGRSGRKGRAVPGW
ASWPAHLALAARPARHLGGAGQGPRPLHSGTAPFHSRASGERQRRLEPQL
QHESRCRSSTPADAWRAEAALPVRAMGAPWGSPTAAAGGRRGWRRGRGLP
WTVCVLAAAGLTCTALITYACWGQLPPLPWASPTPSRPVGVLLWWEPFGG
RDSAPRPPPDCRLRFNISGCRLLTDRASYGEAQAVLFHHRDLVKGPPDWP
PPWGIQAHTAEEVDLRVLDYEEAAAAAEALATSSPRPPGQRWVWMNFESP
SHSPGLRSLASNLFNWTLSYRADSDVFVPYGYLYPRSHPGDPPSGLAPPL
SRKQGLVAWVVSHWDERQARVRYYHQLSQHVTVDVFGRGGPGQPVPEIGL
LHTVARYKFYLAFENSQHLDYITEKLWRNALLAGAVPVVLGPDRANYERF
VPRGAFIHVDDFPSASSLASYLLFLDRNPAVYRRYFHWRRSYAVHITSFW
DEPWCRVCQAVQRAGDRPKSIRNLASWFER

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

FUT4

Full Name

Fucosyltransferase 4

Introduction

The product of this gene transfers fucose to N-acetyllactosamine polysaccharides to generate fucosylated carbohydrate structures. It catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15).

Alternative Names

FUT4; LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV; alpha-(1,3)-fucosyltransferase 4; ELAM ligand fucosyltransferase; ELAM-1 ligand fucosyltransferase; Lewis X; alpha (1,3) fucosyltransferase, myeloid-specific; fucT-IV; fucosyltransferase IV; galactoside 3-L-fucosyltransferase; stage-specific embryonic antigen 1; Fucosyltransferase 4

Gene ID

2526

UniProt ID

P22083