

Recombinant Human FUT4, His-tagged

Cat. No. FUT4-3288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha- (1,3)-fucosyltransferase
Species	Human
Source	E.Coli/Yeast
ProteinLength	530
Description	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).
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of FUT4 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION
Gene Name

FUT4 fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) [Homo sapiens]

Official Symbol

FUT4

Synonyms

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

Gene ID

2526

mRNA Refseq

NM_002033

Protein Refseq

NP_002024

MIM

104230

UniProt ID

P22083

Chromosome Location

11q12-qter

Pathway

Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved

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biosystem; Metabolic pathways, organism-specific biosystem; Other types of O-glycan biosynthesis

Function

alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity; transferase activity, transferring glycosyl groups;

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