

## Recombinant Human FUT4, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Alpha- (1,3)-fucosyltransferase
<b>Species</b>	Human
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	530
<b>Description</b>	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).
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol

 Tel: 1-631-559-9269    1-516-512-3133

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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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