Recombinant Human FUT6, GST-tagged

Cat. No. FUT6-13045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	36-359a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	FUT6 fucosyltransferase 6 (alpha (1,3) fucosyltransferase) [Homo sapiens]
Official Symbol	FUT6

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Synonyms	FUT6; fucosyltransferase 6 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase; alpha (1; 3) fucosyltransferase; FCT3A; FLJ40754; FT1A; FucT VI; galactoside 3 L fucosyltransferase; fucosyltransferase VI; galactoside 3-L-fucosyltransferase; Fuc-TVI; FucT-VI;
Gene ID	2528
mRNA Refseq	NM_000150
Protein Refseq	NP_000141
MIM	136836
UniProt ID	P51993
Chromosome Location	19p13.3
Pathway	Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	3-galactosyl-N-acetylglucosaminide 4-alpha-L-fucosyltransferase activity; alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity; transferase activity, transferring glycosyl groups;

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