

Recombinant Full Length Human FUT9 Protein, GST-tagged

Cat. No. FUT9-5233HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Human FUT9 full-length ORF (AAH36101.1, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 359 amino acids

Description FUT9 is one of several alpha-3-fucosyltransferases that can catalyze the last step in the biosynthesis of Lewis antigen, the addition of a fucose to precursor polysaccharides. FUT9 synthesizes the LeX oligosaccharide (CD15), which is expressed in organ buds progressing in mesenchyma during human embryogenesis.[supplied by OMIM

Molecular Mass 68.4 kDa

AA Sequence MTSTSKGILRPFLIVCIILGCFMACLLIYIKPTNSWIFSPMESASSVLKMKNFFSTKTDY
 FNETTILVWVWPFQGTDFDLTSCQAMFNIQGCHLTDRSLYNKSHAVLIHHRDISWDL
 TNLPPQARPPFQKWIWMNLESPTHTPQKSGIEHLFNLTLTYRRDSIQVPYGFLLTVS
 TNPVFVFEVPSKEKLVCVVSNWNPEHARVKYYNELSKSIEIHTYGGAFGEYVNDKN
 LIPTISACKFYLSFENSIHKDYITEKLYNAFLAGSVPVVLGPSRENYENYIPADSFHVE
 DYNPSELAKYLKEVDKNNKLYLSYFNWRKDFTVNLPRFWESHACLACDHVVKRHQ
 EYKSVG NLEKWFVN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FUT9 fucosyltransferase 9 (alpha (1,3) fucosyltransferase) [Homo sapiens]
Official Symbol	FUT9
Synonyms	fucosyltransferase 9 (alpha (1,3) fucosyltransferase); 4020; Ensembl:ENSG00000172461; alpha-(1,3)-fucosyltransferase; fucT-IX; fucosyltransferase IX; galactoside 3-L-fucosyltransferase; 2.4.1.152; Fuc-TIX
Gene ID	10690
mRNA Refseq	NM_006581
Protein Refseq	NP_006572
MIM	606865
UniProt ID	Q9Y231

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