

Recombinant Human FUT9 293 Cell Lysate

Cat. No. FUT9-6111HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for fucosyltransferase 9 (alpha (1,3) fucosyltransferase) (FUT9) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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_006581.3](#)

Protein Refseq [NP_006572.2](#)

MIM [606865](#)

UniProt ID [Q9Y231](#)

**Chromosome
Location** [6q16](#)

Pathway [Glycosphingolipid biosynthesis - globo series, organism-specific biosystem;](#)
[Glycosphingolipid biosynthesis - globo series, conserved biosystem;](#)
[Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific](#)
[biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved](#)
[biosystem; Other types of O-glycan biosynthesis, organism-specific biosystem; Other](#)
[types of O-glycan biosynthesis, conserved biosystem;](#)

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Function

alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity;

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