

## Active Recombinant Human FUT8, His tagged

Cat. No. FUT8-2518H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FUT8 (Q9BYC5-1) isoform 1 (Arg 68-Lys 575), fused with a polyhistidine tag at the carboxy-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Arg 68-Lys 575
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to hydrolyze the donor substrate GDP fucose. The specific activity is >0.75 pmoles/min/μg.
<b>Molecular Mass</b>	The recombinant human FUT8 consists of 518 amino acids and has a calculated molecular mass of 60 kDa. It migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per μg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [FUT8 fucosyltransferase 8 \(alpha \(1,6\) fucosyltransferase\) \[ Homo sapiens \]](#)

**Official Symbol** [FUT8](#)

**Synonyms**

FUT8; fucosyltransferase 8 (alpha (1,6) fucosyltransferase); alpha-(1,6)-fucosyltransferase; alpha1-6FucT; glycoprotein 6-alpha-L-fucosyltransferase; GDP-fucose--glycoprotein fucosyltransferase; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase; MGC26465;

**Gene ID** [2530](#)

**mRNA Refseq** [NM\\_004480](#)

**Protein Refseq** [NP\\_004471](#)

**MIM** [602589](#)

**UniProt ID** [Q9BYC5](#)

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