Active Recombinant Human FUT8 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human FUT8 protein(Q9BYC5-1) (Arg 68-Lys 575) was expressed in Insect Cells, fused with a polyhistidine tag at the carboxy-terminus.
Species	Human
Source	Insect Cells
ProteinLength	68-575 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly.
Bio-activity	Measured by its ability to hydrolyze the donor substrate GDP fucose. The specific activity is >0.75 pmoles/min/μg.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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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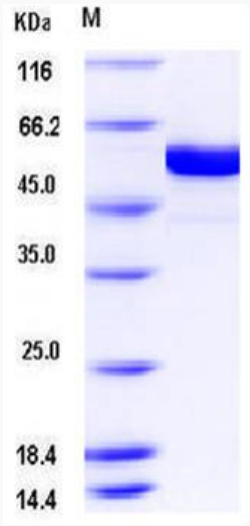
SDS-PAGE	

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