

Active Recombinant Human FUT5 Protein (AA 40-374), N-6×His/GFP tagged

Cat. No. FUT5-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT5 Protein (AA 40-374) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 40-374
Description	Enables 3-galactosyl-N-acetylglucosaminide 4- α -L-fucosyltransferase activity and 4-galactosyl-N-acetylglucosaminide 3- α -L-fucosyltransferase activity. Involved in ceramide metabolic process and oligosaccharide metabolic process. Predicted to be located in Golgi membrane.
Bio-activity	≥ 0.05 $\mu\text{mol/min/mg}$, as measured under the conditions with LNnT
Molecular Mass	~70-75 kDa
AA Sequence	DATGSPRPGLMAVEPVTGAPNGSRCQDSMATPAHPTLLILLWTWPFNTPVALPRCS EMVPGAADCNITADSSVYPQADAVIVHHWDIMYNPSANLPPTRPQGQRWIWFSM ESPSNCRHLEALDGYFNLTMSYRSDSDIFTYPGWLEPWSGQPAHPPLNLSAKTELV AWAVSNWKPDSARRYYSLSQAHLKVDVYGRSHKPLPKGTMMETLSRYKFYLAFEN SLHPDYITEKLWRNALEAWAVPVVLGSPSRSNYERFLPPDAFHVDDFQSPKDLARYL QELDKDHARYLSYFHWRETLRPRSFSWALAFCKACWKLQQESRYQTVRSIAAWFT

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Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Coomassie Blue stain.
Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
Concentration	1 mg/mL
Storage Buffer	Supplied as a 0.2 µm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
Preservative	0.05 % NaN ₃
Shipping	This product is shipped as 0.2µm filtered product on dry ice.

GENE INFORMATION

Gene Name	FUT5 fucosyltransferase 5 (alpha (1,3) fucosyltransferase) [Homo sapiens (human)]
Official Symbol	FUT5
Synonyms	FUT5; fucosyltransferase 5 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase; FUC TV; fucT-V; fucosyltransferase V; alpha (1,3) fucosyltransferase; galactoside 3-L-fucosyltransferase; FUC-TV;
Gene ID	2527
mRNA Refseq	NM_002034
Protein Refseq	NP_002025
MIM	136835

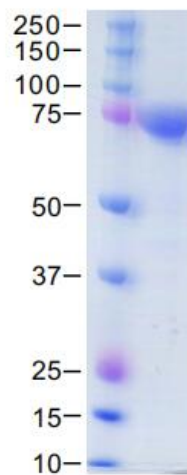
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UniProt ID

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