

Active Recombinant Human FUT1 Protein (AA 26-365), N-6×His/GFP tagged

Cat. No. FUT1-24H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT1 Protein (AA 26-365) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 26-365
Description	This gene encodes a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the synthesis of soluble A and B antigens. This is one of two genes encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group.
Bio-activity	≥ 0.02 μmol/min/mg
Molecular Mass	~70 kDa
AA Sequence	HIHQDSFPHGLGLSILCPDRRLVTPPVAIFCLPGTAMGPNASSSCPQHPASLSGTWT VYPNGRFGNQMGQYATLLALAQLNGRRAFILPAMHAALAPVFRITLPVLAPEVDSRT PWRELQLHDWMSEEYADLRDPFLKLSGFPCSWTFFHHLREQIRREFTLHDHLREEA QSVLGQLRLGRTGDRPRTFVG VHVRRGDYLVMPQQRWKG VVGDSAYLRQAMDW FRARHEAPVFVVT SNGMEWCKENIDTSQGDVTFAGDGQEATPWKDFALLTQCNHTI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	MTIGTFGFWAAYLAGGDTVYLANFTLPDSEFLKIFKPEAAFLPEWVGINADLSPLWTL AKP
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

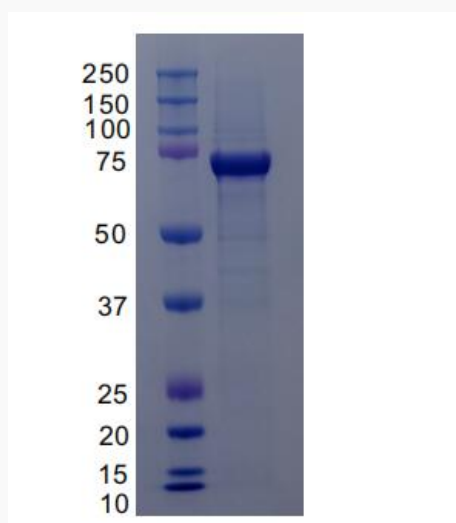
Gene Name	FUT1 fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group) [Homo sapiens (human)]
Official Symbol	FUT1
Synonyms	FUT1; fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group); fucosyltransferase 1 (galactoside 2 alpha L fucosyltransferase) , fucosyltransferase 1 (galactoside 2 alpha L fucosyltransferase, Bombay phenotype included) , H, HSC; galactoside 2-alpha-L-fucosyltransferase 1; alpha(1,2)FT 1; 2-alpha-L-fucosyltransferase; alpha (1,2) fucosyltransferase; blood group H alpha 2-fucosyltransferase; GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1; fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase); H; HH; HSC;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	2523
mRNA Refseq	NM_000148
Protein Refseq	NP_000139
MIM	211100
UniProt ID	P19526

SDS-PAGE


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA