Recombinant Human FUT6 Protein (AA 40-359), N-6×His/GFP tagged

Cat. No. FUT6-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT6 Protein (AA 40-359) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 40-359
Description	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene.
Molecular Mass	~70 kDa
AA Sequence	DPTVYPNGSRFPDSTGTPAHSIPLILLWTWPFNKPIALPRCSEMVPGTADCNITADRK VYPQADAVIVHHREVMYNPSAQLPRSSRRQGQRWIWFSMESPSHCWQLKAMDGY FNLTMSYRSDSDIFTPYGWLEPWSGQPAHPPLNLSAKTELVAWAVSNWGPNSARV RYYQSLQAHLKVDVYGRSHKPLPQGTMMETLSRYKFYLAFKNSLHPDYITEKLWRN ALEAWAVPVVLGPSRSNYERFLPPDAFIHVDDFQSPKDLARYLQELDKDHARYLSYF RWRETLRPRSFSWALAFCKACWKLQEESRYQTRGIAAWFT
Purity	>95%, by SDS-PAGE as visualized by Coomassie Blue Staining

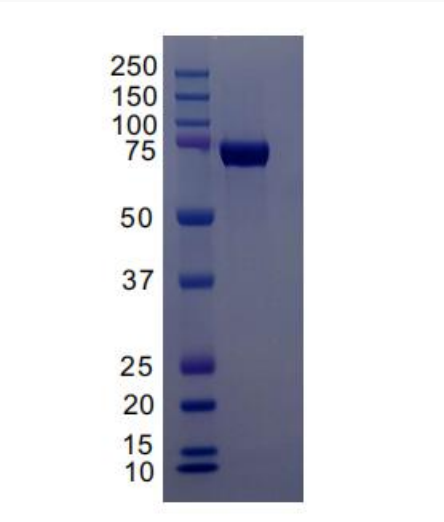
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 % NaN3
Shipping	This product is shipped as 0.2μm filtered product on dry ice.

GENE INFORMATION

Gene Name	FUT6 fucosyltransferase 6 (alpha (1,3) fucosyltransferase) [Homo sapiens (human)]
Official Symbol	FUT6
Synonyms	FUT6; fucosyltransferase 6 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase; alpha (1; 3) fucosyltransferase; FCT3A; FLJ40754; FT1A; FucT VI; galactoside 3 L fucosyltransferase; fucosyltransferase VI; galactoside 3-L-fucosyltransferase; Fuc-TVI; FucT-VI;
Gene ID	2528
mRNA Refseq	NM_000150
Protein Refseq	NP_000141
MIM	136836
UniProt ID	P51993

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

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