Recombinant Human FUT1 protein, His-tagged

Cat. No. FUT1-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT1 protein(26-167 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	26-167 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	HIHQDSFPHGLGLSILCPDRRLVTPPVAIFCLPGTAMGPNASSSCPQHPASLSGTWT VYPNGRFGNQMGQYATLLALAQLNGRRAFILPAMHAALAPVFRITLPVLAPEVDSRT PWRELQLHDWMSEEYADLRDPFLKLSGF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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

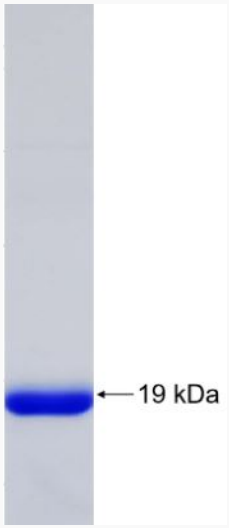
	g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	FUT1 fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group) [Homo sapiens]
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;
Gene ID	2523
mRNA Refseq	NM_000148
Protein Refseq	NP_000139
UniProt ID	P19526

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