

Recombinant Human FUT10 protein, His-tagged

Cat. No. FUT10-6743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT10 protein(172-521 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	172-521 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO 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	NIDSLPLPRKAHHDWAVFHEESPKNNYKLFHKPVITLFNYTATFSRHSHLPLTTQYLE SIEVLKSLRYLVPLQSKNKLRLAPLVYVQSDCDPPSDRDSYVRELMTYIEVDSYG ECLRNKDLPQQLKNPASMDADGFYRIIAQYKFILAFENAVCDDYITEKFWRPLKLGVV PVYYGSPSITDWLPSNKSAILVSEFSPRELASYIRRLDSDRLYEAYVEWKLKGEIS NQRLLTAVREPKWGVQDVNQDNYIDAFECMVCTKVWANIRLQEKGLPPKRWEAED THLSCEPTVFASFPLRTPPLSSLREMWISSFEQSKKEAQAALRWLVDRNQNFSSQE FWGLVFKD
Purity	90%, 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,

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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 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 FUT10 fucosyltransferase 10 (alpha (1,3) fucosyltransferase) [Homo sapiens]

Official Symbol FUT10

Synonyms

FUT10; fucosyltransferase 10 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase 10; fuc-TX; fucT-X; fucosyltransferase X; alpha 1,3-fucosyl transferase; galactoside 3-L-fucosyltransferase 10; MGC11141;

Gene ID 84750

mRNA Refseq NM_032664

Protein Refseq NP_116053

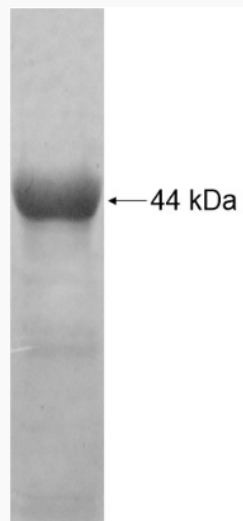
UniProt ID Q6P4F1

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SDS-PAGE



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