

Recombinant Human FUT4 Protein, C-His-tagged

Cat. No. FUT4-043H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT4 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	<p>SSEA-1 antibody detects a lactoseries oligosaccharide antigen that is expressed on the surface of mouse embryonal carcinoma and embryonic stem cells. This antigen is also found on early mouse embryos and both mouse and human germ cells, but is absent on human embryonic stem cells and human embryonic carcinoma cells.</p> <p>Expression of SSEA1 in these human cell types increases upon differentiation, while on the mouse cell types differentiation leads to decreased expression.</p>
Molecular Mass	~39 kDa
AA Sequence	<p>GQLPPLPWASPTPSRPVGVLLWWEFPGGRDSAPRPPPCRLRFNISGCRLLTDRAS SYGEAQAVLFHHRDLVKGPPDWPPPWGIQAHTAAEVDLRVLDYEEAAAAAEALATS SPRPPGQRWVWMNFESPSHSPGLRSLASNLFNWTLSYRADSDVFVPGYLYPRSH PGDPPSGLAPPLSRKQLVAWVVSHWDERQARVRYHQLSQHVTVDVFGRGGPG QPVPEIGLLHTVARYKFYLAFENSQHLDYITEKLWRNALLAGAVPVVLGPDRANYER FVPRGAFIHVDDFPSASSLASYLLFLDRNPAVYRRYFHWRRSYAVHITSFWDEPWC RVCQAVQRAGDRPKSIRNLASWFER</p>
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

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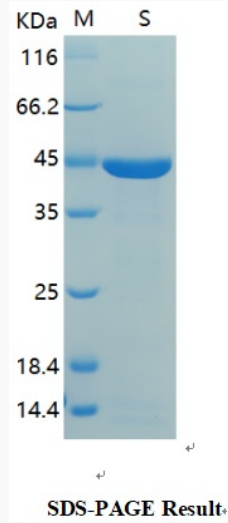
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4
GENE INFORMATION	
Gene Name	FUT4 fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) [Homo sapiens (human)]
Official Symbol	FUT4
Synonyms	FUT4; fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific); CD15, ELFT, FCT3A; alpha-(1,3)-fucosyltransferase; ELAM ligand fucosyltransferase; FUC TIV; galactoside 3 L fucosyltransferase; Lewis X; fucT-IV; fucosyltransferase IV; ELAM-1 ligand fucosyltransferase; galactoside 3-L-fucosyltransferase; stage-specific embryonic antigen 1; LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV;
Gene ID	2526
mRNA Refseq	NM_002033
Protein Refseq	NP_002024
MIM	104230
UniProt ID	P22083

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SDS-PAGE



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