Recombinant Human FUT6 protein, His & T7-tagged

Cat. No. FUT6-1412H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT6 aa. (Arg35~Thr359 (Accession # P51993) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg35~Thr359
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.6kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.0.
Applications	SDS-PAGE; WB; ELISA; IP.

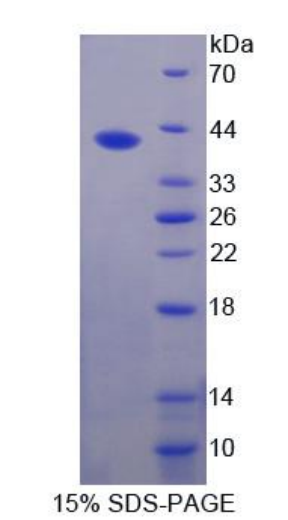
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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	FUT6 fucosyltransferase 6 [Homo sapiens (human)]
Official Symbol	FUT6
Synonyms	FUT6; fucosyltransferase 6; FT1A; FCT3A; Fuc-TVI; FucT-VI; alpha-(1,3)-fucosyltransferase 6; fucosyltransferase 6 (alpha (1,3) fucosyltransferase); fucosyltransferase VI; galactoside 3-L-fucosyltransferase
Gene ID	2528
mRNA Refseq	NM_000150.2
Protein Refseq	NP_000141.1

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UniProt ID	P51993
SDS-PAGE	 15% SDS-PAGE

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