

Recombinant Full Length Human FUT2 Protein, GST-tagged

Cat. No. FUT2-5177HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FUT2 full-length ORF (AAH01899.1, 1 a.a. - 153 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	153 amino acids
Description	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Molecular Mass	42.46 kDa
AA Sequence	MLVVQMPFSFPMAHFILFVFTVSTIFHVQQRLAKIQAMWELPVQIPVLASTSKALGPS QLRGMWTINAIGRLGNQMGEYATLYALAKMNGRPAFIPAQMHSSTLAPIFRITLPLVLS ATASRIPWQNYHLNDWMEEYRHIPGEYVRFTGYPCS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FUT2 fucosyltransferase 2 (secretor status included) [Homo sapiens]
Official Symbol	FUT2
Synonyms	FUT2; fucosyltransferase 2 (secretor status included); SE; galactoside 2-alpha-L-fucosyltransferase 2; alpha (1; 2) fucosyltransferase; alpha(1; 2)FT2; galactoside 2 alpha L fucosyltransferase 2; GDP L fucose:beta D galactoside 2 alpha L fucosyltransferase 2; Se2; SEC2; secretor blood group alpha 2 fucosyltransferase; secretor factor; sej; alpha(1,2)FT2; alpha(1,2)FT 2; alpha (1,2) fucosyltransferase; secretor blood group alpha-2-fucosyltransferase; GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 2; B12QTL1;
Gene ID	2524
mRNA Refseq	NM_000511
Protein Refseq	NP_000502
MIM	182100
UniProt ID	Q10981

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