

Recombinant Human FUT2 Protein (Gln29-His343), His tagged

Cat. No. FUT2-2434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FUT2 (Gln29-His343) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln29-His343
Description	This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. The encoded protein is important for the final step in the soluble ABO blood group antigen synthesis pathway. It is also involved in cell-cell interaction, cell surface expression, and cell proliferation. Mutations in this gene are a cause of the H-Bombay blood group where red blood cells lack the H antigen.
Molecular Mass	35.73 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FUT2 fucosyltransferase 2 (secretor status included) [Homo sapiens (human)]
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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