

Recombinant Human Lactoferrin Protein

Cat. No. LTF-1057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human lactoferrin, also known as lactotransferrin/LTF antigen is produced by mammalian expression system and the target gene encoding Gly20-Lys710 is expressed with a 6His tag at the C-terminus. Predicted molecular weight: 77 kDa.
Species	Human
Source	Human Cells
ProteinLength	20-710 a.a.
Form	Lactoferrin is an antimicrobial protein, also known as lactotransferrin, which transfers iron to the cells. It is used in a faecal test to detect inflammation in the intestine. Lactoferrin levels are associated with disease severity in intestinal bowel disease (IBD).
Molecular Mass	77 kDa
Purity	> 90 % by SDS-PAGE
Storage	–20 centigrade
Concentration	0.5 mg/ml when reconstituted with 1000 µof deionized water
Storage Buffer	20 mM Na-phosphate, pH 7.4, 150 mM NaCl, 5% Mannitol

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GENE INFORMATION

Gene Name	LTF lactotransferrin [Homo sapiens]
Official Symbol	LTF
Synonyms	LTF; lactotransferrin; HLF2; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12; LF; GIG12;
Gene ID	4057
mRNA Refseq	NM_001199149
Protein Refseq	NP_001186078
MIM	150210
UniProt ID	P02788

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