

## Recombinant Human Lactoferrin Protein

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	20-710 a.a.
<b>Form</b>	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).
<b>Molecular Mass</b>	77 kDa
<b>Purity</b>	> 90 % by SDS-PAGE
<b>Storage</b>	-20 centigrade
<b>Concentration</b>	0.5 mg/ml when reconstituted with 1000 µof deionized water
<b>Storage Buffer</b>	20 mM Na-phosphate, pH 7.4, 150 mM NaCl, 5% Mannitol

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



## 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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