

# Recombinant Human LTF protein, His-tagged

**Cat. No.** LTF-3873H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LTF protein(P02788) (Met 1-Lys 710) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-710 aa                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | The secreted recombinant human LTF consists of 702 amino acids and has a predicted molecular mass of 77.5 kDa. As a result of glycosylation, the apparent molecular mass of rhLTF is approximately 80 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                  |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                             |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                         |

 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

0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**protein Refseq-Weblink**

[http://www.ncbi.nlm.nih.gov/protein/NP\\_001186078.1](http://www.ncbi.nlm.nih.gov/protein/NP_001186078.1)

**Unit ID**

P02788

**Unit ID-Weblink**

<https://www.uniprot.org/uniprotkb/P02788>

## 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**

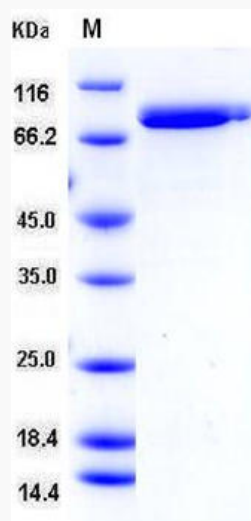
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SDS-PAGE



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