

## Recombinant Human LTF / Apo-lactoferrin protein

Cat. No. LTF-154H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LTF / Apo-lactoferrin protein was expressed in Rice.
<b>Species</b>	Human
<b>Source</b>	Rice Grain
<b>ProteinLength</b>	Full Length
<b>Description</b>	Lactoferrin(LF), also known as lactotransferrin(TLF), is a globular glycoprotein with a molecular mass of about 80 kD, which consists of two highly homologous lobes, designated the N and C lobes. Each LF molecule can reversibly bind two iron molecules. LF functions to transfer iron to the cells and control the level free iron in the blood and external secretions. It has antibacterial, antiviral, antiparasitic, anti-cancer, anti-allergic and radioprotecting functions and properties. LF can also raise immunocompetence of body.
<b>Form</b>	It is lyophilized with 20mM PB and 50mM NaCl.
<b>Molecular Mass</b>	80 kDa
<b>Endotoxin</b>	<20EU/mg
<b>Purity</b>	≥95% SDS-PAGE
<b>Iron content</b>	35mg/100g

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**Storage** Store at 2-8°C.

**Reconstitution** It is recommended to reconstitute the lyophilized product in sterile 0.9% saline or PBS. Upon reconstitution, the product should be stored below -20 centigrade. Use as soon as possible after opening.

## 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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