

Recombinant Human LTF / Apo-lactoferrin protein

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

SPECIFICATION

Product Overview	Recombinant Human LTF / Apo-lactoferrin protein was expressed in Rice.
Species	Human
Source	Rice Grain
ProteinLength	Full Length
Description	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.
Form	It is lyophilized with 20mM PB and 50mM NaCl.
Molecular Mass	80 kDa
Endotoxin	<20EU/mg
Purity	≥95% SDS-PAGE
Iron content	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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