

Recombinant Lactoferrin

Cat. No. LTF-02H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Oryza Sativa
Description	LTF-02H is a cell culture media supplement that increases cell growth while protecting cells from apoptosis (programmed cell death). LTF-02H is particularly well-suited as a cell culture media supplement for stem cells, primary cells, CHO cells and HEK293 cells. Research has demonstrated that Lactoferrin often outperforms and is used as a replacement for more expensive Insulin Like Growth Factor (IGF). LTF-02H is a simple, yet powerful tool to optimize media for maximum cell viability and growth. As a recombinant lactoferrin, LTF-02H provides animal-free, defined, and consistent performance.
Endotoxin	< 10 EU/mg
Purity	≥ 90%
Characteristic	Appearance Pink powder Lactoferrin Content > 85% Moisture Content < 10% pH (1% solution) 6.0 – 8.0 Conductivity (1% solution) < 4 mS Bound Iron > 1.2 mg/g LF

GENE INFORMATION

Gene Name [LTF lactotransferrin \[Homo sapiens \]](#)

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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
Chromosome Location	3p21.31
Pathway	Amyloids, organism-specific biosystem; Disease, organism-specific biosystem;
Function	ferric iron binding; heparin binding; metal ion binding; peptidase activity; protein binding; serine-type endopeptidase activity;

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