

Native Human Neutrophil Lactoferrin

Cat. No. LTF-8194H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Neutrophil Lactoferrin was purified from Human Neutrophils.
Species	Human
Source	Human Neutrophil
Description	Human Lactoferrin (hLF) is an iron-binding glycoprotein that facilitates the production of hydroxyl radicals and chelates iron, preventing its accessibility to microorganisms and thus inhibiting growth. Human Lactoferrin is found in secondary granules in polymorphonuclear neutrophils. Human Lactoferrin from human neutrophil(s) lacks terminal fucose residues in the glycan chains that are required for binding to macrophages.
Form	Liquid in 0.05M Sodium Acetate, pH 6.0, 0.15 NaCl
Molecular Mass	77 kDa
Purity	>96% by SDS-PAGE
Stability	2 years
Storage	2-8°C
Concentration	Typically >1.0 mg/mL by Lowry

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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
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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