

## Native Human LTF protein

Cat. No. LTF-312H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human Lactoferrin was purified from Human Milk. Iron Content: 321ug/gram
<b>Species</b>	Human
<b>Source</b>	Human Milk
<b>Description</b>	Lactoferrin along with Secretory IgA can have a bacteriostatic effect in the intestinal tract of a breast fed newborn. Lactoferrin may also function as a promoter of iron absorption due to the high bioavailability of iron from digested Lactoferrin.
<b>Form</b>	Lyophilized from 50 mM Tris-HCl, pH 8.0, with 0.2 M NaCl
<b>Molecular Mass</b>	82400
<b>Purity</b>	>= 95% by SDS-PAGE.
<b>Notes</b>	Prepared from human milk shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
<b>Storage</b>	Store at -20 centigrade or lower

### GENE INFORMATION

<b>Gene Name</b>	LTF lactotransferrin [ <a href="#">Homo sapiens</a> ]
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<b>Official Symbol</b>	LTF
<b>Synonyms</b>	LTF; lactotransferrin; HLF2; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12; LF; GIG12;
<b>Gene ID</b>	4057
<b>mRNA Refseq</b>	NM_001199149
<b>Protein Refseq</b>	NP_001186078
<b>MIM</b>	150210
<b>UniProt ID</b>	P02788
<b>Chromosome Location</b>	3p21.31
<b>Pathway</b>	Amyloids, organism-specific biosystem; Disease, organism-specific biosystem;
<b>Function</b>	ferric iron binding; heparin binding; metal ion binding; peptidase activity; protein binding; serine-type endopeptidase activity;

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