

Native Human LTF protein

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

SPECIFICATION

Product Overview	Native Human Lactoferrin was purified from Human Milk. Iron Content: 321ug/gram
Species	Human
Source	Human Milk
Description	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.
Form	Lyophilized from 50 mM Tris-HCl, pH 8.0, with 0.2 M NaCl
Molecular Mass	82400
Purity	>= 95% by SDS-PAGE.
Notes	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.
Storage	Store at -20 centigrade or lower

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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