

Native Human Lactotransferrin

Cat. No. LTF-4771H Lot. No. (See product label)

SPECIFICATION

Product Overview	This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.
Species	Human
Description	Product is the lyophilized powder of human lactoferrin and buffer salts. Human lactoferrin is purified from pooled human colostrum using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography and immunoabsorption. The product is dialyzed into 0.01M sodium phosphate, 0.07M sodium chloride, pH 7.3, filtered through a 0.22 µm filter, vialled and lyophilized.
Reconstitution	Reconstitute product with 2 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

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

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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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