

Native Human LTF

Cat. No. LTF-28999TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length native Human Lactoferrin purified from whole blood, 78kDa.
Species	Human
Source	Human Whole Blood
Description	This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secretions with an antimicrobial activity, making it an important component of the non-specific immune system. The protein demonstrates a broad spectrum of properties, including regulation of iron homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	78kDa
Purity	>95% by SDS-PAGE
Storage	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Storage Buffer	Preservative: None Constituents: 300mM Sodium chloride, 100mM Tris HCl, pH 8.0
Full Length	Full L.
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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