Lactoferrin Native Protein | LTF native protein

Purified native Human Lactoferrin protein

CATALOG #	HOST	REACTIVITY
AAA224702	**Human**	**Human**

PRODUCT SYNONYMS

Lactoferrin; Purified native Human Lactoferrin protein; Lactoferrin protein (Apo); LTF native protein

PRODUCT SPECIFICATIONS

Host	Human
Reactivity	Human
Purity/Purification	> 95% as determined by SDS-PAGE
Form/Format	Lyophilized from 0.05M Tris, 0.2M sodium chloride, pH 8.0. Reconstitute at 1.0mg/mL with hig purity water. Prepare furter dilutions in 0.05M Tris, 0.2M sodium chloride, pH8.0
Concentration	5.0mg, lyophilized $E_{0.1\%}$@280nm=1.46 (varies by lot)
Sequence Length	475
Source Note	Human Breast Milk
Biohazard	Non-reactive for HIV-1/HCV/HBV by NAT, HBsAg, HCV Ab, HIV 1&2 Ab and RPR by currently approved FDA methods. Use standard laboratory procedures when handling this product.
Protein Type	Native
Biological Significance	Lactoferrin is a multifunctional protein of the transferrin family. Lactoferrin is a globular glycoprotein with a molecular mass of about 80 kDa that is widely represented in various secretory fluids, such as milk, saliva, tears, and nasal secretions. Lactoferrin is also present in secondary granules of PMN and is secreted by some acinar cells. Lactoferrin can be purified from milk or produced recombinantly. Human colostrum ("first milk") has the highest concentration, followed by human milk, then cow milk.
Preparation and Storage	Upon receipt , store at -20°C. Protect from moisture.

ADDITIONAL INFORMATION

Product Categories/Family for LTF native protein	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	2104522
NCBI GeneID	4057
NCBI Official Full Name	lactoferrin, partial
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12; HEL110

NCBI Protein Information	lactotransferrin
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	**LTF**
UniProt Synonym Gene Names	GIG12; LF; Lactoferrin; Lfcin-H

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/human-human-native-protein/lactoferrin/224702