

## LTF

### Native Human Lactoferrin, Milk

<b>Catalog No.</b>	CRA166A	<b>Quantity:</b>	5 mg
<b>Alternate Names:</b>	Lactotransferrin, Lactoferrin, Growth-inhibiting protein 12, Talalactoferrin		
<b>Description:</b>	Lactoferrin is a major iron-binding and multifunctional protein found in exocrine fluids such as breast milk and mucosal secretions. 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>UniProt ID:</b>	P02788		
<b>Source:</b>	Human milk		
<b>Molecular Weight:</b>	82.4 kDa		
<b>Formulation:</b>	Lyophilized from 50 mM Tris-HCl, 0.2 M NaCl, pH 8.0		
<b>Purity:</b>	≥95% by SDS-PAGE analysis		
<b>Extinction Coefficient:</b>	$E^{0.1\%}_{280\text{nm}} = 1.46$		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile, distilled water to 0.1-1.0 mg/ml. Aliquot and freeze unused portion.		
<b>Storage &amp; Stability:</b>	Store at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Infectious Disease Statement:</b>	Prepared from raw material shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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