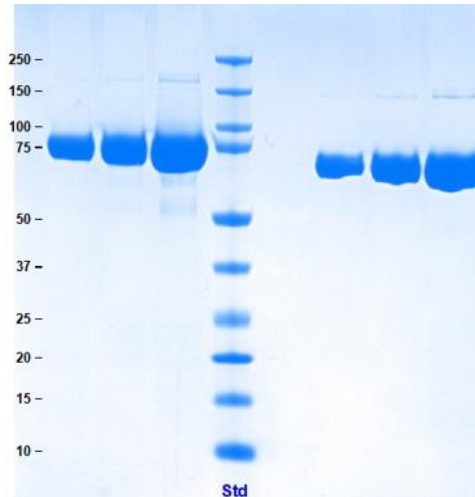


## Gel Scan of Representative Lot Lactoferrin, Human Breast Milk

ART Catalog No. 16-13-120103



### SDS-PAGE

4-12% Bis-Tris gel, 1x MES

1. Lactoferrin, Human Breast Milk 5 µg (Heated/Reduced)
2. Lactoferrin, Human Breast Milk 10 µg (Heated/Reduced)
3. Lactoferrin, Human Breast Milk 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Lactoferrin, Human Breast Milk 5 µg (Not Heated/Non-Reduced)
7. Lactoferrin, Human Breast Milk 10 µg (Not Heated/Non-Reduced)
8. Lactoferrin, Human Breast Milk 20 µg (Not Heated/Non-Reduced)

### Protein Determination:

Extinction Coefficient (E) = 1.46 (0.1% at 280 nm,  
1 cm pathway)

### Considerations:

Storage Conditions: ≤ -20 °C  
Stability: > 1 year

### Molecular Weight:

82,400 Da

### Buffer:

Lyophilized from 50 mM Tris-HCl, pH 8.0, with 0.2  
M NaCl

### Physical Specifications:

Form: Lyophilized  
Purity: ≥ 95% by SDS-PAGE.

## Your Distributor

ORDERING  
Tel.: +49 40 4320 8448 - 0  
order@active-bioscience.de  
www.active-bioscience.de



**ACTIVE BIOSCIENCE**  
PROTEINS · CELLS · ANTIBODIES

TECHNICAL SUPPORT  
Tel.: +49 40 4320 8448 - 11  
support@active-bioscience.de

Active Bioscience GmbH  
Oberaltenallee 8  
D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg

## Product Datasheet

<b>Product:</b>	<b>Lactoferrin, Human Breast Milk</b>
<b>Catalog #:</b>	16-13-120103
<b>Form:</b>	Lyophilized
<b>Available Packaging:</b>	5 mg
<b>Buffer:</b>	Lyophilized from 50 mM Tris-HCl, pH 8.0, with 0.2 M NaCl
<b>Purity:</b>	≥ 95% by SDS-PAGE.
<b>Molecular Weight:</b>	82,400 Da
<b>Protein Determination:</b>	Extinction Coefficient (E) = 1.46 (0.1% at 280 nm, 1 cm pathway)
<b>Storage/Handling:</b>	≤ -20 °C
<b>Stability:</b>	> 1 year
<b>Source:</b>	Human Breast Milk
<b>Testing:</b>	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Donor milk is screened by the supplier and confirmed non-reactive for HIV-1/2, Hepatitis B (HBsAg), and Hepatitis C (HCV). Records of testing are maintained and traceable upon request.

**Product Link:** <https://www.athensresearch.com/products/all/lactoferrin-human-milk>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

---

### Your Distributor

ORDERING  
Tel.: +49 40 4320 8448 - 0  
[order@active-bioscience.de](mailto:order@active-bioscience.de)  
[www.active-bioscience.de](http://www.active-bioscience.de)



**ACTIVE BIOSCIENCE**  
PROTEINS · CELLS · ANTIBODIES

TECHNICAL SUPPORT  
Tel.: +49 40 4320 8448 - 11  
[support@active-bioscience.de](mailto:support@active-bioscience.de)

Active Bioscience GmbH  
Oberaltenallee 8  
D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg