



Laktoferrin

Immune Peptide from Colostrum*

Laktoferrin with Colostrum contains purified lactoferrin in a base of colostrum, and is prepared with lysozyme.

Lactoferrin, a peptide glycoprotein that belongs to the transferrin family, plays a role in binding and transporting iron in the body, as well as immunomodulatory and antioxidant activities.*

Colostrum is the fluid produced from the mammary glands of mammals during the first few days after birth, before the first milk is produced. Colostrum supplies nutrients, growth factors, and antibodies that start development of passive immunity in the breast-fed newborn.*

Key Features

- Supports iron binding and transport, and has antioxidant activity*
- May support and modulate immune activities*



SKU #72840 • 90 vegetarian capsules
SKU #72080 • 120 vegetarian capsules

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Lactoferrin plays roles in multiple biochemical functions. For example, lactoferrin is crucial to the uptake of iron in the intestinal mucosa of breast-fed infants, through its iron-binding activity.* Lactoferrin also has other important iron-binding activities, as well as immunomodulatory and antioxidant activities.*

The gastrointestinal tract is a primary area of activity for supplemental lactoferrin. Receptors for lactoferrin are found in intestinal tissue, on some bacteria, and on immune system cells such as monocytes, lymphocytes and neutrophils. Lactoferrin is involved in the growth and differentiation of T lymphocytes, and also in the regulation of cytokines and lymphokines, such as tumor necrosis-alpha and interleukin-6.* Because free iron can generate reactive oxygen species via the Fenton reaction, lactoferrin's iron-binding properties potentially make it a powerful antioxidant substance.* Lactoferrin also produces the bioactive peptide lactoferricin.*

Lactoferrin has a molecular weight of 80 kiloDaltons, and is somewhat resistant to the action of proteolytic enzymes.

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Supplement Facts

Serving Size 1 Capsule
Servings Per Container 90 or 120

Amount Per Serving	% Daily Value
Lactoferrin (milk)	350 mg †

† Daily Value not established.

Other ingredients: Hydroxypropyl methylcellulose, microcrystalline cellulose, L-leucine

Suggested Use: As a dietary supplement, 1 capsule at night before bed, or as directed by a healthcare practitioner.

Caution: Do not use while pregnant or breast-feeding. Lactoferrin may be contraindicated by lymphocytic leukemia or pancreatitis. Individuals with autoimmune or allergic conditions should start with small doses and consult their healthcare practitioner.

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