

OryzaExp™ Lactoferrin, Human Recombinant

CATALOG NO: P1403-1 1 g

ALTERNATE NAMES: Recombinant LTF, Plant-derived recombinant lactoferrin

MOL. WT. 80 kDa

SOURCE: Oryza Sativa (Rice)

PURITY: > 95% by SDS-PAGE SDS-PAGE

ENDOTOXIN: ≤1EU/μg

FORMULATION: Lyophilized in PBS and NaCl

RECONSTITUTION: Reconstitute in the sterile 0.9% saline or PBS.

STORAGE CONDITIONS: Store at 4°C. -20°C

DESCRIPTION: Lactoferrin (LF), also known as lactotransferrin (LTF), is a globular glycoprotein with a molecular mass of about 80kD, which consists of two highly homologous lobes, designated the N and C lobes. Each LF molecule can reversibly bind two iron molecules. LF functions to transfer iron to the cells and control the level of free iron in the blood and external secretions. It has antibacterial, antiviral, anti-parasitic, anti-cancer, anti-allergic and radioprotecting functions and properties. LF can also raise immunocompetence of body.

RELATED PRODUCTS:

- Lactoferrin Antibody (A1108)
- Lactoferrin, Human Milk (7550)
- Lactoferrin, Human Neutrophil (4092)

FOR RESEARCH USE ONLY! Not to be used on humans.

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