



Leukocyte Function Associated Antigen-3 Fusion Protein, human recombinant (rHuLFA-3-CHO)

Catalog No: 94972
Lot No: XXXXX
Source: CHO cells
Synonyms: CD58, LFA-3, Ag3, Surface glycoprotein LFA-3

Background

LFA-3 is ligand of the t-lymphocyte cd2 glycoprotein. This interaction is important in mediating thymocyte interactions with thymic epithelial cells, antigen-independent and dependent interactions of t-lymphocytes with target cells and antigen-presenting cells and the t-lymphocyte rosetting with erythrocytes. In addition, the lfa-3/cd2 interaction may prime response by both the cd2+ and lfa-3+ cells.

Description

Lymphocyte Function-Associated Antigen-3 fusion protein human recombinant is produced in a Chinese Hamster Ovary (CHO) mammalian cell expression system. The molecular weight is 91.4 kDa. Recombinant LFA3 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered white lyophilized (freeze-dried) powder.

Formulation

Each mg of CD58 contains 0.8 mg sucrose, 0.3 mg glycine, 0.25 mg sodium citrate dihydrate, and 4 µg citric acid monohydrate.

Solubility

It is recommended to reconstitute the lyophilized LFA-3 in sterile 18 MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized LFA3, although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution human LFA-3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 98.0% as determined by (a) Analysis by RP-HPLC, (b) Analysis by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.

CONTACT US TODAY

BIOMOL GmbH • Kieler Straße 303a • 22525 Hamburg • Germany • info@biomol.de • www.biomol.de

Fon: +49 (0)40-853 260 0 • TOLL FREE IN GERMANY: Fon: 0800-246 66 51