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- Trockeneiszuschlag
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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

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