



Product Datasheet

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| Product Name | Lymphocyte Function Associated Antigen-3 Human Recombinant , Fusion Protein |
| Cata No | CB500325 |
| Source | <i>Chinese Hamster Ovary</i> |
| Synonyms | CD58, LFA-3, Ag3, Surface glycoprotein LFA-3. |

Description

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.

Lymphocyte Function-Associated Antigen-3 Fusion Protein Recombinant Human is produced by recombinant DNA technology in a Chinese Hamster Ovary (CHO) mammalian cell expression system. The molecular weight is 91.4 kilodaltons. Recombinant LFA3 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Purity

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

Formulation

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

Stability

Lyophilized LFA3 Human 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.