

## 32-1579: LFA 3 Recombinant Protein

**Alternative Name :** CD58,LFA-3,Ag3,Surface glycoprotein LFA-3.

### Description

Source : Chinese Hamster Ovary. 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 kDa. Recombinant LFA3 is purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Greater than 98.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Content :</b>	Each mg of CD58 contains 0.8mg sucrose, 0.3mg glycine, 0.25mg sodium citrate dihydrate, and 4µg citric acid monohydrate.
<b>Storage condition :</b>	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.

### Application Note

It is recommended to reconstitute the lyophilized LFA-3 Human in sterile 18MΩ•cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

