
Product Data Sheet

Product Name: LFA 3 Human
Cat. No.: GP20718
Batch No.: 1

Product Data

Purity	>98%	Source	Chinese Hamster Ovary.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	CD58; LFA-3; Ag3; Surface glycoprotein LFA-3.		
Solubility	It is recommended to reconstitute the lyophilized LFA-3 Human in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	Each mg of CD58 contains 0.8mg sucrose, 0.3mg glycine, 0.25mg sodium citrate dihydrate, and 4μg citric acid monohydrate.		

Introduction

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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