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Recombinant Human LFA-3/CD58 Protein (Fc Tag)

Catalog Number: PKSH033594

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species Human

Source HEK293 Cells-derived Human LFA-3/CD58 protein Phe29-Arg215, with an C-terminal

Fc

Calculated MW 48.6 kDa
Observed MW 60-90 kDa
Accession AAH05930

Bio-activity Not validated for activity

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

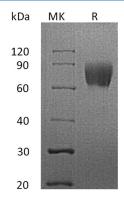
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Lymphocyte function-associated antigen 3 (LFA-3/CD58) is a single-pass type I membrane protein. CD58 is widely expressed on hematopoietic and non-hematopoietic human tissue and has been found on leukocytes; erythrocytes; endothelial cells; epithelial cells and fibroblasts of human origin. It is a 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.

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