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

Catalog Number: PKSH033594

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

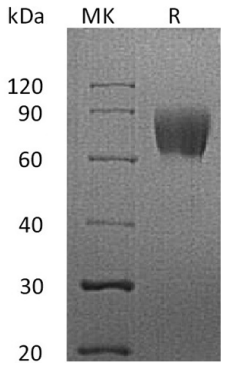
Description

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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com