

Recombinant Human CD58/LFA-3/Lymphocyte function-associated antigen 3 Protein

Catalog No.: RP00512 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	965	P19256

Tags
C-6xHis

Synonyms
CD58; LFA-3; LFA3; ag3; CD58 molecule; LFA-3; LFA3; ag3

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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.

Basic Information

Description
Recombinant Human CD58/LFA-3/Lymphocyte function-associated antigen 3 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Phe29-Arg215(His147Tyr)) of human CD58/LFA-3/Lymphocyte function-associated antigen 3 (Accession #P19256) fused with a 6xHis tag at the C-terminus.

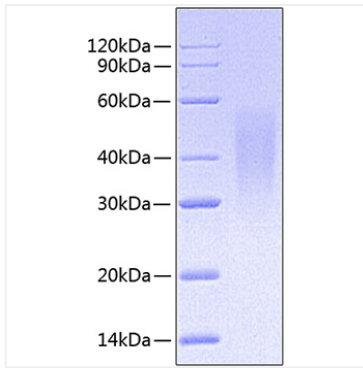
Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Human CD58/LFA-3/Lymphocyte function-associated antigen 3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.