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Datasheet for ABIN7319527
CD58 Protein (CD58) (His tag)

Overview

Quantity:	50 µg
Target:	CD58
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD58 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LFA-3/CD58 Protein (His Tag)
Sequence:	Phe29-Arg215(His147Tyr)
Characteristics:	Recombinant Human CD58 is produced by our Mammalian expression system and the target gene encoding Phe29-Arg215(His147Tyr) is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD58
Alternative Name:	LFA-3/CD58 (CD58 Products)
Background:	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

Target Details

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.

Synonym: Lymphocyte Function-Associated Antigen 3, Surface Glycoprotein LFA-3, CD58, LFA3,Ag3, CD58 antigen

Molecular Weight: 22.5 kDa

UniProt: [P19256](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.