

Datasheet for ABIN5526666

CD58 Protein (CD58) (AA 29-215) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD58
Protein Characteristics:	AA 29-215
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD58 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 29-215
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 48.1 kDa. As a result of different glycosylation, the protein migrates as 60-75 kDa under reducing (R) condition, and 125-150 kDa under non-reducing (NR) condition (SDS-PAGE).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD58
Alternative Name:	CD58 (CD58 Products)

Target Details

Background: CD antigen CD58 is also known as Lymphocyte function-associated antigen 3 (LFA-3). CD58 is a cell adhesion molecule expressed on Antigen Presenting Cells (APC), particularly macrophages. CD58 /LFA3 is ligand of the T-lymphocyte CD2 glycoprotein, which binds to CD2 (LFA-2) [3] on T cells and is important in strengthening the adhesion between the T cells and Professional Antigen Presenting Cells. In addition, the LFA-3/CD2 interaction may prime response by both the CD2+ and LFA-3+ cells. Polymorphisms in the CD58 gene are associated with increased risk for multiple sclerosis.

Molecular Weight: 48.1 kDa

Application Details

Restrictions: For Research Use only

Handling

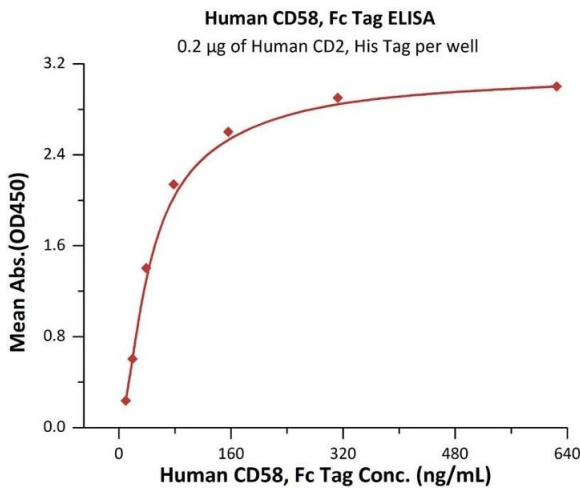
Format: Lyophilized

Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

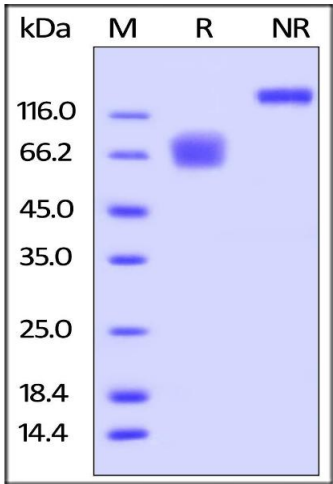
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Human CD2, His Tag (ABIN2180720,ABIN2180719) at 2 µg/mL (100 µL/well) can bind Human CD58, Fc Tag (ABIN5526666,ABIN5526667) with a linear range of 10-78 ng/mL (QC tested).



SDS-PAGE

Image 2. Human CD58, Fc Tag on under reducing (R) and ing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .