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Datasheet for ABIN2566429
CD58 Protein (CD58) (His tag)

Overview

Quantity:	0.1 mg
Target:	CD58
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD58 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Characteristics:	Measured in a cell proliferation assay using human CD3+ T cells in the presence of anti-CD3. The ED50 for this effect is typically 1 - 5 µg/mL in the presence of anti-CD3 immobilized at 25 ng/mL.
Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	CD58
Alternative Name:	CD58 (CD58 Products)
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

Target Details

(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: 22.3 kDa

Gene ID: 965

UniProt: [P19256](#)

Application Details

Application Notes: This recombinant protein can be used for WB. For research use only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -80 °C,-20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.