



[Go to Product page](#)

Datasheet for ABIN5608438  
**CD58 Protein (CD58) (partial) (Fc Tag)**

### Overview

Quantity:	100 µg
Target:	CD58
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD58 protein is labelled with Fc Tag.
Application:	Western Blotting (WB), ELISA

### Product Details

Sequence:	Phe 29 - Arg 215
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per µg by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human CD2, His Tag at 2 µg/mL (100 uL/well) can bind Human CD58, Fc Tag with a linear range of 10-156 ng/mL (QC tested).

### Target Details

Target:	CD58
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## Target Details

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Alternative Name:	CD58 ( <a href="#">CD58 Products</a> )
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
Gene ID:	965
UniProt:	<a href="#">Q9BRW0</a>

## Application Details

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Application Notes:	This recombinant protein can be used for E, WB.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C,-80 °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.