

Datasheet for ABIN6961089

**CD48 Protein (CD48) (mFc-His Tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD48
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD48 protein is labelled with mFc-His Tag.
Application:	ELISA

## Product Details

Purpose:	Recombinant human CD48 protein with C-terminal mouse Fc and 6xHis
Specificity:	CD48 (Gln27-Ser220) mFc (Pro99-Lys330) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD48
Alternative Name:	CD48 ( <a href="#">CD48 Products</a> )
Background:	Synonymes: CD48, BCM1, SLAMF2, BLAST, BLAST1, MEM-102, TCT.1, BCM-1, SLAMF-2,

## Target Details

### BLAST-1

Description: This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	predicted molecular mass of 69-72 kDa after removal of the signal peptide.
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Gene ID:	962
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UniProt:	<a href="#">P09326</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Reconstitute with deionized water
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
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Preservative:	Without preservative
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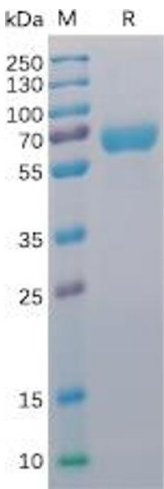
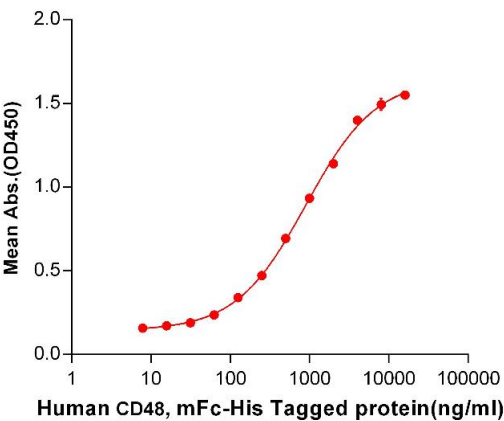
Storage:	-20 °C,-80 °C
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Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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Expiry Date:	12 months
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Human CD48, mFc-His Tagged protein ELISA

0.2 µg of 2B4, hFc Tagged protein per well



ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD48, mFc-His tagged protein (ABIN6961089) can bind Human 2B4, hFc tagged protein (ABIN6961162) in a linear range of 62.5-4000 ng/mL.

SDS-PAGE

**Image 2.** Human CD48 Protein, mFc-His Tag on SDS-PAGE under reducing condition.