

**Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein**  
**CD48, BCM1, SLAMF2, BLAST1, BLAST, BLAST1, MEM-102, TCT.1, BCM-1, SLAMF-2, BLAST-1**  
**Catalog # PBV11003r**

## Specification

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### Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein - Product info

Primary Accession  
Calculated MW

[P09326](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 23.2 kDa. The predicted N-terminus is Gln 27. DTT-reduced Protein migrates as 38-45 kDa due to glycosylation. KDa

### Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein - Additional Info

Gene ID  
Gene Symbol

**962**  
**CD48**

#### Other Names

CD48, BCM1, SLAMF2, BLAST1, BLAST, BLAST1, MEM-102, TCT.1, BCM-1, SLAMF-2, BLAST-1

Gene Source  
Source  
Assay&Purity  
Assay2&Purity2  
Recombinant  
Results

**Human**  
**HEK293 cells**  
**SDS-PAGE; ≥95%**  
**N/A;**  
**Yes**  
**Measured by its binding ability in a functional ELISA. Immobilized human CD244 protein Fc Chimera at 5 µg/ml (100 µl/well) can bind human CD48 with a linear range of 0.1 - 4 µg/ml.**

**Target/Specificity**  
**CD48/BCM1/SLAMF2**

#### Application Notes

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

**Format**  
Lyophilized

**Storage**  
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

### Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein - Images**

#### **Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein - Background**

CD48 antigen is also known as Signaling lymphocytic activation molecule 2, SLAM family member 2 (SLAMF2), Leukocyte antigen MEM-102, BCM1 surface antigen, B-lymphocyte activation marker BLAST-1. CD48 is a 65 kDa GPI-linked protein which belongs to the CD2 subfamily of immunoglobulin superfamily molecules. CD48 antigen contains two Ig-like C2-type (immunoglobulin-like) domains and two Ig-like V-type (immunoglobulin-like) domain. CD48 interacts with CD244 in an heterophilic manner. CD48 is ligand for CD2. CD48 might facilitate interaction between activated lymphocytes. CD48 is probably involved in regulating T-cell activation.

#### **Human CellExp CD48 / BCM1 / SLAMF2, human recombinant protein - References**

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Staunton D.E.,et al.EMBO J. 6:3695-3701(1987).  
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