

RP00575

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# Recombinant Human CD48/SLAMF2 Protein

Catalog No.: RP00575 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	962	P09326

### Tags

C-Fc & 6×His

### Synonyms

BCM1; BLAST; BLAST1; MEM-102; SLAMF2; hCD48; mCD48; CD48; BLAST; BLAST1; MEM-102; SLAMF2; hCD48; mCD48

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH7.2. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

CD48 antigen, also known as B-lymphocyte activation marker BLAST-1, BCM1 surface antigen, Leukocyte antigen MEM-102, TCT.1, CD48, BCM1, and BLAST1, CD48 contains one Ig-like C2-type domain and one Ig-like V-type domain, but does not have a transmembrane domain, however, it is held at the cell surface by a GPI anchor via a C-terminal domain which may be cleaved to yield a soluble form of the receptor. CD48 may facilitate interaction between activated lymphocytes and be involved in regulating T-cell activation. CD48 plays a vital role as an environmental sensor for regulating progenitor cell numbers and inhibiting tumor development. It is suggested that the anti-CD48 mAb has the potential to become an effective therapeutic antibody against multiple myeloma.

## Basic Information

### Description

Recombinant Human CD48/SLAMF2 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gln27-Ser220) of human CD48/SLAMF2 (Accession #P09326) fused with an Fc, 6×His tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

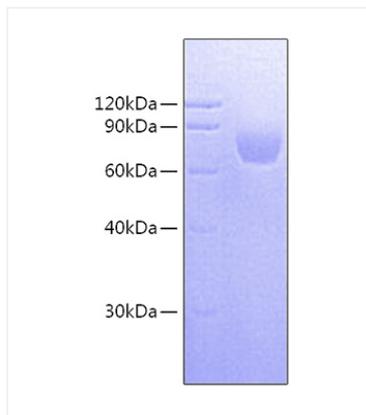
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Human CD48/SLAMF2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.