

RP00775

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# Recombinant Mouse CD48/SLAMF2 Protein

Catalog No.: RP00775

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse		Q18PH8

### Tags

C-6×His

### Synonyms

CD48; BLAST1; BCM1; SLAMF2; SLAM Family Member 2

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

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

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. 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 is a GPI-linked protein in the CD2 family of immunoglobulin superfamily proteins. CD48 is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. Among dendritic cells (DC), CD48 is selectively expressed on circulating myeloid DC and resident bone marrow and thymus DC. CD2, 2B4, and heparan sulfate function as CD48 ligands. CD48 is incompetent to transduce signals and can also trigger signaling through CD2 or 2B4. CD48 expressed on NK cells is coactivating, whereas CD48 expressed on other cell types inhibits NK cell activation.

## Basic Information

### Description

Recombinant Mouse CD48/SLAMF2 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Phe23-Arg216) of mouse CD48/SLAMF2 (Accession #Q18PH8) fused with a 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.

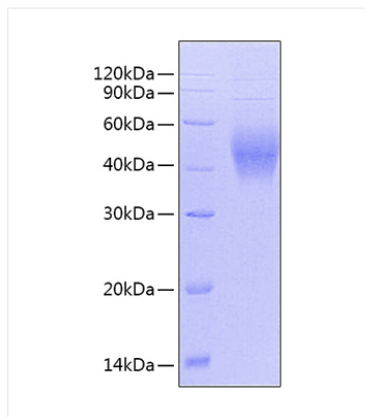
## Contact



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## Validation Data

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