

# Human CD48/SLAMF2 (His Tag) recombinant protein



Catalog Number: 503660

## General Information

### Gene Name Synonym

B-lymphocyte activation marker BLAST-1; BCM1 surface antigen; Leukocyte antigen MEM-102; SLAM family member 2; Signaling lymphocytic activation molecule 2; TCT.1

### Protein Construction

A DNA sequence encoding the human CD48 (NP\_001769.2) (Met 1-Ser 220) with a C-terminal polyhistidine tag was expressed.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized human CD48 at 10 µg/ml (100 µl/well) can bind recombinant human 2B4 / CD244 with a linear range of 0.004-0.4 µg/ml.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 27

### Molecular Mass

The secreted recombinant human CD48 comprises 205 amino acids with a predicted molecular mass of 23.8 kDa. As a result of glycosylation, rhCD48 migrates as an approximately 40 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

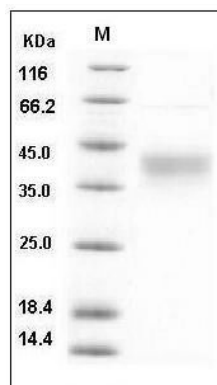
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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SDS-PAGE