

## Recombinant Rat Cd48 protein, His-tagged

**Cat. No.** Cd48-8763R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Cd48 protein(P10252)(Met1-Arg216), fused with His tag, was expressed in HEK293.                                                                                                                                                   |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Arg216                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                          |
| <b>Molecular Mass</b>   | The recombinant rat CD48 comprises 205 amino acids and predicts a molecular mass of 23.9 kDa. The apparent molecular mass of the recombinant protein is approximately 38-43 kDa in SDS-PAGE under reducing conditions due to glycosylation.       |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                    |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>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. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                  |                                          |
|------------------|------------------------------------------|
| <b>Gene Name</b> | Cd48 Cd48 molecule [ Rattus norvegicus ] |
|------------------|------------------------------------------|

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | Cd48 |
|------------------------|------|

|                 |                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | CD48; Cd48 molecule; CD48 antigen; BLAST-1; BCM1 surface antigen; MRC OX-45 surface antigen; |
|-----------------|----------------------------------------------------------------------------------------------|

|                |        |
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| <b>Gene ID</b> | 245962 |
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|                    |           |
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| <b>mRNA Refseq</b> | NM_139103 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_620803 |
|-----------------------|-----------|

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