

## Recombinant Rat Cd68 protein(Met1-Ser295), His-tagged

**Cat. No.** Cd68-8768R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat CD68 (Q4FZY1) (Met1-Ser295) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                                                                          |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Ser295                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant rat CD68 comprises 287 amino acids and predicts a molecular mass of 30.9 kDa. The apparent molecular mass of the recombinant protein is approximately 66-90 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. 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**

**Gene Name** Cd68 Cd68 molecule [ Rattus norvegicus ]

**Official Symbol** Cd68

**Synonyms** CD68; Cd68 molecule; macrosialin; CD68 antigen; MGC114377;

**Gene ID** 287435

**mRNA Refseq** NM\_001031638

**Protein Refseq** NP\_001026808

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