

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

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

SPECIFICATION

Product Overview	Recombinant Rat CD68 (Q4FZY1) (Met1-Ser295) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ser295
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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]
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Official Symbol	Cd68
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Synonyms	CD68; Cd68 molecule; macrosialin; CD68 antigen; MGC114377;
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Gene ID	287435
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mRNA Refseq	NM_001031638
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Protein Refseq	NP_001026808
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