

Recombinant Rat Cd48 protein(Met1-Arg216), hFc-tagged

Cat. No. Cd48-8762R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD48 (P10252) (Met1-Arg216) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Arg216
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 CD48/Fc is a disulfide-linked homodimer. The reduced monomer comprises 435 amino acids and has a predicted molecular mass of 49.5 kDa. The apparent molecular mass of the protein is approximately 38-44 kDa in SDS-PAGE under reducing conditions.
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 Cd48 Cd48 molecule [*Rattus norvegicus*]

Official Symbol Cd48

Synonyms CD48; Cd48 molecule; CD48 antigen; BLAST-1; BCM1 surface antigen; MRC OX-45 surface antigen;

Gene ID 245962

mRNA Refseq NM_139103

Protein Refseq NP_620803

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