

Recombinant Rat Cd83 protein(Met1-Ala134), hFc-tagged

Cat. No. Cd83-7489R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD83 (B2GV95) (Met1-Ala134) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-134 a.a.
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 CD83/Fc is a disulfide-linked homodimer. The reduced monomer comprises 354 amino acids and has a predicted molecular mass of 39.4 kDa. The apparent molecular mass of the protein is approximately 53 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 76 % 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	Cd83 CD83 molecule [<i>Rattus norvegicus</i>]
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Official Symbol	Cd83
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Synonyms	CD83; CD83 molecule; CD83 antigen;
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Gene ID	361226
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mRNA Refseq	NM_001108410
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Protein Refseq	NP_001101880
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