

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

Cat. No. Cd83-8777R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd83 protein(B2GV95)(Met1-Ala134), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala134
similar	Cd83
Alias	CD83; CD83 molecule; CD83 antigen;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant rat CD83 comprises 124 amino acids and predicts a molecular mass of 13.9 kDa. The apparent molecular mass of the recombinant protein is approximately 28-32 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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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.
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.
GeneName	Cd83 CD83 molecule [Rattus norvegicus]
GeneNameWeblink	361226
OfficialSymbol	Cd83
OfficialSymbolWeblink	361226
GenelD	361226
GenelDWeblink	361226
mRNARefseq	NM_001108410
mRNARefseqWeblink	NM_001108410.1
ProteinRefseqWeblink	NP_001101880.1
MIMWeblink	
UniProtID	

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UniProtIDWeblink	
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GENE INFORMATION

Synonyms	CD83; CD83 molecule; CD83 antigen;
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MIM	
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