

Recombinant Mouse Cd2 protein(Met1-Ser203), His-tagged

Cat. No. Cd2-3310M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD2 (NP_038514.1) (Met 1-Ser 203) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser203
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 mouse CD2 consists of 192 amino acids and has a predicted molecular mass of 22 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD2 is approximately 35-45 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd2 CD2 antigen [<i>Mus musculus</i>]
Official Symbol	Cd2
Synonyms	CD2; CD2 antigen; T-cell surface antigen CD2; LFA-3 receptor; lymphocyte antigen 37; T-cell surface antigen T11/Leu-5; Ly37; LFA-2; Ly-37;
Gene ID	12481
mRNA Refseq	NM_013486
Protein Refseq	NP_038514

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