Recombinant Rat Cd2 protein(Met1-Pro202), hFc-tagged

Cat. No. Cd2-8729R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD2 (Q5I0M6) (Met1-Pro202) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Pro202
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 CD2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 421 amino acids and has a predicted molecular mass of 47.5 kDa. The apparent molecular mass of the protein is approximately 58-64 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	Cd2 Cd2 molecule [Rattus norvegicus]
Official Symbol	Cd2
Synonyms	CD2; Cd2 molecule; T-cell surface antigen CD2; CD2 antigen; OX-34 antigen; LFA-3 receptor; T-cell surface antigen T11/Leu-5; OX-45 surface antigen homolog to human T lymphocyte CD2 antigen; CD2R; LFA2; OX34; LFA-2; OX-34;
Gene ID	497761
mRNA Refseq	NM_012830
Protein Refseq	NP_036962

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