

Recombinant Rat Cd59 protein(Met1-Asn100), hFc-tagged

Cat. No. Cd59-8764R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD59 (P27274) (Met1-Asn100) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-100 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 CD59 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 319 amino acids and has a predicted molecular mass of 35.8 kDa. The apparent molecular mass of the protein is approximately 40 and 43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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 [Cd59 CD59 molecule, complement regulatory protein \[Rattus norvegicus \]](#)

Official Symbol [Cd59](#)

Synonyms CD59; CD59 molecule, complement regulatory protein; CD59 glycoprotein; protectin; CD59 antigen; Cb59b molecule; MAC-inhibitory protein; membrane attack complex inhibition factor; CD59b molecule, complement regulatory protein; Cd59a; Cd59b; MACIF; MACIP; MAC-IP;

Gene ID [25407](#)

mRNA Refseq [NM_012925](#)

Protein Refseq [NP_037057](#)

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