

## Recombinant Rat CD59 protein(Met1-Asn100), His-tagged

**Cat. No.** Cd59-8765R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat CD59 (P27274) (Met1-Asn100) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-100 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat CD59 /Fc comprises 89 amino acids and has a predicted molecular mass of 10.3 kDa. The apparent molecular mass of the protein is approximately 17 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	Cd59 CD59 molecule, complement regulatory protein [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	CD59
<b>Synonyms</b>	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;
<b>Gene ID</b>	25407
<b>mRNA Refseq</b>	NM_012925
<b>Protein Refseq</b>	NP_037057

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