Recombinant Rat Cd99, Fc tagged

Cat. No. Cd99-8775R   **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd99 (B4F7A5) (Met1-Gly127), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Source	HEK293
Species	Rat
Tag	Fc
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat CD99 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 344 amino acids and has a predicted molecular mass of 37.6 kDa. The apparent molecular mass of the protein is approximately 47 kDa in SDS-PAGE under reducing conditions.
Protein Length	Met1-Gly127
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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	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 81°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd99 CD99 antigen [Rattus norvegicus]
Official Symbol	Cd99
Synonyms	CD99; CD99 antigen;
Gene ID	652929
mRNA Refseq	NM_001100804
Protein Refseq	NP_001094274

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