

Active Recombinant Cynomolgus/Rhesus CD38 protein(Leu44-Ile301), hFc-tagged

Cat. No. CD38-1185C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus / Rhesus CD38 (Q5VAN0) (Leu44-Ile301) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Leu44-Ile301
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to convert the substrate nicotinamide guanine dinucleotide (NGD+) to cyclic GDPribose. The specific activity is >2500pmols/min/ug.
Molecular Mass	The recombinant Cynomolgus / Rhesus CD38 comprises 499 amino acids and has a calculated molecular mass of 56.9 KDa.
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

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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 4°C before opening to recover the entire contents.

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