

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

Cat. No. CD38-61C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus CD38 protein(Q5VAN0 & F6QEE7)(Leu44-Ile301), fused with C-terminal His tag, was expressed in HEK293.
Source	HEK293
Species	Cynomolgus/Rhesus
Tag	C-His
Protein length	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.
Molecular Mass	The recombinant cynomolgus/rhesus CD38 comprises 269 amino acids and has a calculated molecular mass of 31.3 KDa. The apparent molecular mass of it is approximately 41 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. > 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. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be

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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.

Official Symbol CD38

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