

Recombinant Mouse CD38 protein(Leu45-Thr304)

Cat. No. CD38-1334M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD38 (NP_031672.2) (Leu45-Thr304) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Leu45-Thr304
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 Mouse CD38 consists of 260 amino acids and predicts a molecular mass of 29.80 kDa. It migRates as an approximately 37.9 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % 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 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd38 CD38 antigen [Mus musculus]
Official Symbol	CD38
Synonyms	CD38; CD38 antigen; ADP-ribosyl cyclase 1; I-19; NIM-R5 antigen; cADPr hydrolase 1; cyclic ADP-ribose hydrolase 1; Cd38-rs1;
Gene ID	12494
mRNA Refseq	NM_007646
Protein Refseq	NP_031672

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