

## Recombinant Mouse CD38 protein(Leu45-Thr304)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD38 (NP_031672.2) (Leu45-Thr304) was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu45-Thr304
<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 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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	≥ 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
<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>	Cd38 CD38 antigen [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	CD38
<b>Synonyms</b>	CD38; CD38 antigen; ADP-ribosyl cyclase 1; I-19; NIM-R5 antigen; cADPr hydrolase 1; cyclic ADP-ribose hydrolase 1; Cd38-rs1;
<b>Gene ID</b>	12494
<b>mRNA Refseq</b>	NM_007646
<b>Protein Refseq</b>	NP_031672

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