

Recombinant Rat Cd38 protein, His & T7-tagged

Cat. No. Cd38-7616R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd38 aa. (Lys53~Pro284 (Accession # Q64244)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys53~Pro284
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

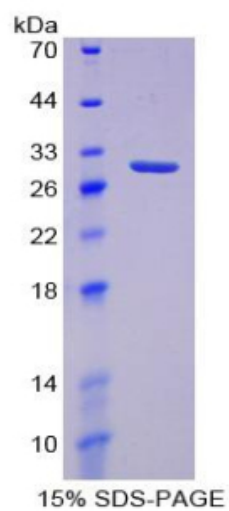
Gene Name	Cd38 CD38 molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd38
Synonyms	ADPRC 1; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; CD38 antigen (ADP-ribosyl cyclase / cyclic ADP-ribose hydrolase); CD38H; cADPr hydrolase 1; cyclic ADP-ribose hydrolase 1; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
Gene ID	25668
mRNA Refseq	NM_013127.1
Protein Refseq	NP_037259.1
UniProt ID	Q64244

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SDS-PAGE



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