

Active GMP Recombinant Human CD38 protein, Fc-tagged

Cat. No. CD38-018HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD38 protein(NP_001766)(489 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD38(UniProtKB/Swiss-Prot: Q01973) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human CD38(Fc Tag) at 1 ug/mL(100 uL/well) that can bind to Humanized anti-CD38 antibody is 1-5ng/mL.
Molecular Mass	Recombinant Human CD38 protein contains 489 aa. It has a predicted MW of 56.8 kDa.
Endotoxin	<0.1EU/ug
Purity	>=98% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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.

GENE INFORMATION

Gene Name	CD38 CD38 molecule [Homo sapiens]
Official Symbol	CD38
Synonyms	ADPRC1; ADPRC1; T10; cADPr hydrolase 1
Gene ID	952
mRNA Refseq	NM_001775
Protein Refseq	NP_001766
MIM	107270
UniProt ID	P28907

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