

Recombinant Human CD38 protein, His/Flag-tagged

Cat. No. CD38-654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD38 protein(NP_001766.2) (Val 43 – Ile 300) was expressed in HEK293, fused with a polyhistidine tag and a flag tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	43–300 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human CD38 comprises 285 amino acids with a predicted molecular mass of 33.2 kDa. As a result of glycosylation, rhCD38 migrates as an approximately 42-45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 93 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

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GENE INFORMATION

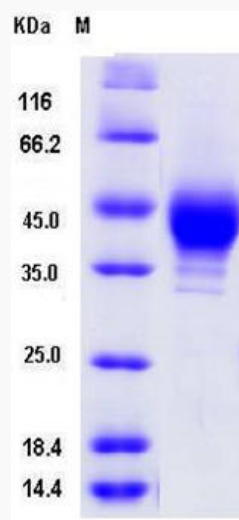
Gene Name	CD38 CD38 molecule [Homo sapiens]
Official Symbol	CD38
Synonyms	CD38; CD38 molecule; CD38 antigen (p45); ADP-ribosyl cyclase 1; ADP ribosyl cyclase 1; NAD(+) nucleosidase; cADPr hydrolase 1; cyclic ADP-ribose hydrolase 1; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase; T10;
Gene ID	952
mRNA Refseq	NM_001775
Protein Refseq	NP_001766
MIM	107270
UniProt ID	P28907

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SDS-PAGE



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