

Recombinant Human CD38 protein, His-tagged, Biotinylated

Cat. No. CD38-653HB Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD38 protein (NP_001766.2) (Va43-Ile300), fused with a C-terminal polyhistidine tag, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	43-300 a.a.
Predicted N Terminal	Val 43
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant CD38 consists of 269 amino acids and predicts a molecular mass of 31.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
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.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Conjugation	Biotin
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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