

## Recombinant Human CD38 Protein (Met1-Ile300), His tagged

Cat. No. CD38-0696H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD38 (Met1-Ile300) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ile300
<b>Description</b>	Synthesizes the second messengers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the former a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	34.53 kDa
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	CD38 CD38 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD38
<b>Synonyms</b>	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;
<b>Gene ID</b>	952
<b>mRNA Refseq</b>	NM_001775
<b>Protein Refseq</b>	NP_001766
<b>MIM</b>	107270
<b>UniProt ID</b>	P28907

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