

Product datasheet for **TP727811**

CD38 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human ADP-ribosyl Cyclase/CD38 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Val43-Ile300
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human ADP-ribosyl Cyclase/cyclic ADP-ribose Hydrolase 1 is produced by our Mammalian expression system and the target gene encoding Val43-Ile300 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	952
UniProt ID:	P28907
Summary:	CD38, also known as ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, is a Signal-anchor for type II membrane protein. CD38 is able to transform NAD ⁺ to ADP-D-ribose and nicotinamide. It also can transform NADP ⁺ to nicotinate-adenine dinucleotide phosphate and nicotinamide. CD38 is expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma. 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.



[View online »](#)