

Product datasheet for **TP728026**

CD38 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Human CD38 (N-6His-Avi)
Species:	Human
Expression cDNA Clone or AA Sequence:	Val43-Ile300
Tag:	N-6His-Avi
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Biotinylated Recombinant Human ADP-ribosyl Cyclase/cyclic ADP-ribose Hydrolase 1 is produced by our expression system and the target gene encoding Val43-Ile300 is expressed
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.



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