

Recombinant Human CD38 Protein

Catalog #	Source	Reactivity	Applications
CRP2650	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD38 Protein is produced by mammalian expression system and the target gene encoding Val43-Ile300 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	CD38		
Alternative Names	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; ADPRC 1; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; T10; CD38		
Entrez Gene	952 (Human)		
SwissProt	P28907 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	VPRWRQQWSG PGTTKRFPET VLARCVKYTE IHPEMRHVDC QSVWDAFKGA FISKHPCNIT EEDYQPLMKL GTQTVPCNKI LLWSRIKDLA HQFTQVQRDM FTLEDTLGY LADDLTWCGE FNTSKINYQS CPDWRKDCSN NPVSVFWKTV SRRFAEAACD VVHVMLNGSR SKIFDKNSTF GSVEVHNLQP EKVQTLAWV IHGGREDSRD LCQDPTIKEL ESIISKRNIQ FSCKNIYRPD KFLQCVKNPE DSSCTSEIHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Please minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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