

Recombinant Human CD38 Protein

Catalog #	Source	Reactivity	Applications
CRP2651	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 N-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	<p>GSGSHHHHHH VPRWRQQWSG PGTTKRFPET VLARCVKYTE IHPEMRHVDC</p> <p>QSVWDAFKGA FISKHPCNIT EEDYQPLMKL GTQTVPCNKI LLWSRIKDLA HQFTQVQRDM</p> <p>FTLEDTLGY LADDLTWCGE FNTSKINYQS CPDWRKDCSN NPVSVFWKTV SRRFAEAACD</p> <p>VVHVMLNGSR SKIFDKNSTF GSVEVHNLQP EKVQTLAWV IHGGREDSRD LCQDPTIKEL</p> <p>ESIISKRNIIQ 241FSCKNIIY RPKDKFLQCVK NPEDSSCTSE I</p>		
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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