

Recombinant Mouse CD38 Protein

Catalog #	Source	Reactivity	Applications
CRP2916	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD38 Protein is produced by mammalian expression system and the target gene encoding Leu45-Thr304 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH8.0.		
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	12494 (Mouse)		
SwissProt	P56528 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	LRPRSLLVWT GEPTTKHFSD IFLGRCLIIY QILRPEMRDQ NCQEILSTFK GAFVSKNPCN ITREDYAPLV KLVTQTIPCN KTLFWSKSKH LAHQYTWIQG KMFTLEDLL GYIADDLRWC GDPSTSDMNY VSCPHWSENC PNNPITVFWK VISQKFAEDA CGVVQVMLNG SLREPFYKNS TFGSVEVFSL DPNKVHKLQA WVMHDIEGAS SNACSSSSLN ELKMIVQKRN MIFACVDNYR PARFLQCVKN PEHPSCRLNT HHHHHH		
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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