

Product Data Sheet

Recombinant Human ATP2B4 Protein

Catalog #	Source	Reactivity	Applications
CST2219	E. coli	H	
Description	Recombinant Human ATP2B4 Protein is produced by E. coli expression system and the target gene encoding Gln181-Ser350 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ATP2B4		
Alternative Names	ATP2B2; MXRA1; Plasma membrane calcium-transporting ATPase 4; PMCA4; Matrix-remodeling-associated protein 1; Plasma membrane calcium ATPase isoform 4; Plasma membrane calcium pump isoform 4		
Entrez Gene	493		
SwissProt	P23634		
Purity			
Chemical Structure	QCRIEQEQKF SIIRNGQLIQ LPVAEIVVGD IAQVKYGDLL PADGILIQGN DLKIDESSLT GESDHVKKSL DKDPMLLSGT HVMEGSGRMV VTAVGVNSQT GIILTLLGVN EDDEGEKKKK GKKQGVPENR NKAQTQDGVA LEIQPLNSQE GIDNEEKDKK AVKVPKKEKS		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to 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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