

Product Data Sheet

Recombinant Human PRKAR1B Protein

Catalog #	Source	Reactivity	Applications
CST2211	E. coli	H	
Description	Recombinant Human PRKAR1B Protein is produced by E. coli expression system and the target gene encoding Met1-Val381 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	PRKAR1B		
Alternative Names	cAMP-dependent protein kinase type I-beta regulatory subunit		
Entrez Gene	5575		
SwissProt	P31321		
Purity			
Chemical Structure	MASPPACPSE EDESLKGCEL YVQLHGIQQV LKDCIVHLCI SKPERPMKFL REHFEEKLEKE ENRQILARQK SNSQSDSHDE EVSPTPPNPV VKARRRRGGV SAEVYTEEDA VSYVRKVIPIK DYKTM TALAK AISKNVLF AH LDDNERSDIF DAMFPVTHIA GETVIQQGNE GDNFYVVDQG EVDVYVNGEW VTNISEGGSF GELALIYGTP RAATVKAKTD LKLWGIDRDS YR		
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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