

Recombinant Human HCN1 Protein

Catalog #	Source	Reactivity	Applications
CST1456	E. coli	H	
Description	Recombinant Human HCN1 Protein is produced by E. coli expression system and the target gene encoding Thr611-Ser770 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	HCN1		
Alternative Names	BCNG1; Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1; Brain cyclic nucleotide-gated channel 1; BCNG-1		
Entrez Gene	348980		
SwissProt	O60741		
Purity			
Chemical Structure	TGVFNQENE ILKQIVKHDR EMVQAIAPIN YPQMTTLNST SSTTPTSRM RTQSPPVYTA TSLSHSNLHS PSPSTQTPQP SAILSPCSYT TAVCSPPVQS PLAARTFHYA SPTASQLSLM QQQPQQVQQ SQPPQTQPQQ PSPQPQTPGS STPKNEVHKS		
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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