

Product Data Sheet

Recombinant Human NPHP1 Protein

Catalog #	Source	Reactivity	Applications
CST1441	E. coli	H	
Description	Recombinant Human NPHP1 Protein is produced by E. coli expression system and the target gene encoding Gln11-Ser220 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	NPHP1		
Alternative Names	NPH1; Nephrocystin-1; Juvenile nephronophthisis 1 protein		
Entrez Gene	4867		
SwissProt	O15259		
Purity			
Chemical Structure	QALRRRNQEL KQQVDSLLSE SQLKEALEPN KRQHIYQRCI QLKQAIDENK NALQKLSKAD ESAPVANYNQ RKEEEHTLLD KLTQQQLQGLA VTISRENITE VGAPTEEEEE SESEDSG GEEEDAEEEE EEKEENESHK WSTGEEYIAV GDFTAQQVGD LTFKKGEILL VIEKKPDGWW IAKDAKGNEG LVPRTYLEPY SEEEEQGESS		
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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