

Product Data Sheet

Recombinant Human Gephyrin Protein

Catalog #	Source	Reactivity	Applications
CST1152	E. coli	H	
Description	Recombinant Human Gephyrin Protein is produced by E. coli expression system and the target gene encoding Pro191-Pro320 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GPHN		
Alternative Names	GPH; KIAA1385; Gephyrin		
Entrez Gene	10243		
SwissProt	Q9NQX3		
Purity			
Chemical Structure	PPLSPPTTS PHKQTEDKGV QCEEEEEEEK DSGVASTEDS SSSHITAAAI AAKIPDSIIS RGVQVLPRDT ASLSTTPSES PRAQATSRLS TASCPTPKVQ SRCSSKENIL RASHSAVDIT KVARRHRMSP		
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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