

Product Data Sheet

Recombinant Human PHD2 Protein

Catalog #	Source	Reactivity	Applications
CST2012	E. coli	H	
Description	Recombinant Human PHD2 Protein is produced by E. coli expression system and the target gene encoding Asp211-Ile280 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	EGLN1		
Alternative Names	C1orf12; Egl nine homolog 1; Hypoxia-inducible factor prolyl hydroxylase 2; HIF-PH2; HIF-prolyl hydroxylase 2; HPH-2; Prolyl hydroxylase domain-containing protein 2; PHD2; SM-20		
Entrez Gene	54583		
SwissProt	Q9GZT9		
Purity			
Chemical Structure	DDFLGKETGQ QIGDEVRLH DTGKFTDGQL VSQKSDSSKD IRGDKITWIE GKEPGCETIG LLMSSMDDLI		
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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