

Product Data Sheet

Recombinant Human Periostin Protein

Catalog #	Source	Reactivity	Applications
CST1097	E. coli	H	
Description	Recombinant Human Periostin Protein is produced by E. coli expression system and the target gene encoding Lys681-Glu800 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	POSTN		
Alternative Names	OSF2; Periostin; PN; Osteoblast-specific factor 2; OSF-2		
Entrez Gene	10631		
SwissProt	Q15063		
Purity			
Chemical Structure	KIKVIEGSLQ PIIKTEGPTL TKVKIEGEPE FRLIKEGETI TEVIHGEPPII KKYTKIIDGV PVEITEKETR EERIITGPEI KYTRISTGGG ETEETLKKLL QEEVTKVTKF IEGGDGHLFE		
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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