

Product Data Sheet

Recombinant Human SPP1 Protein

Catalog #	Source	Reactivity	Applications
CST2344	E. coli	H	
Description	Recombinant Human SPP1 Protein is produced by E. coli expression system and the target gene encoding Asp231-Phe300 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SPP1		
Alternative Names	BNSP; OPN; Osteopontin; Bone sialoprotein 1; Nephropontin; Secreted phosphoprotein 1; SPP-1; Urinary stone protein; Uropontin		
Entrez Gene	6696		
SwissProt	P10451		
Purity			
Chemical Structure	DDQSAETHSH KQSRLYKRKA NDESNEHSDV IDSQELSKVS REFHSHEFHS HEDMLVDPK SKEEDKHLKF		
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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