

Product Data Sheet

Recombinant Human SMAD5 Protein

Catalog #	Source	Reactivity	Applications
CST1960	E. coli	H	
Description	Recombinant Human SMAD5 Protein is produced by E. coli expression system and the target gene encoding His151-Pro240 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SMAD5		
Alternative Names	MADH5; Mothers against decapentaplegic homolog 5; MAD homolog 5; Mothers against DPP homolog 5; JV5-1; SMAD family member 5; SMAD 5; Smad5; hSmad5		
Entrez Gene	4090		
SwissProt	Q99717		
Purity			
Chemical Structure	HSLLVQFRNL SHNEPHMPQN ATFPDSFHQP NNTPFPLSPN SPYPPSPASS TYPNSPASSG PGSPFQLPAD TPPPAYMPPD DQMGQDNSQP		
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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