

Product Data Sheet

Recombinant Human SHOX Protein

Catalog #	Source	Reactivity	Applications
CST2378	E. coli	H	
Description	Recombinant Human SHOX Protein is produced by E. coli expression system and the target gene encoding Ser11-Arg160 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SHOX		
Alternative Names	PHOG; Short stature homeobox protein; Pseudoautosomal homeobox-containing osteogenic protein; Short stature homeobox-containing protein		
Entrez Gene	6473		
SwissProt	O15266		
Purity			
Chemical Structure	SFDQKSKDGN GGGGGGGGKK DSITYREVLE SGLARSRELG TSDSSLQDIT EGGGHCPVHL FKDHVDNDKE KLKEFGTARV AEGIECKEK REDVKSEDED GQTKLKQRRS RTNFTLEQLN ELERLFDETH YPDAFMREEL SQRLGLSEAR		
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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