

Product Data Sheet

Recombinant Human SMS Protein

Catalog #	Source	Reactivity	Applications
CST1541	E. coli	H	
Description	Recombinant Human SMS Protein is produced by E. coli expression system and the target gene encoding Met1-Pro366 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SMS		
Alternative Names	Spermine synthase; SPMSY; Spermidine aminopropyltransferase		
Entrez Gene	6611		
SwissProt	P52788		
Purity			
Chemical Structure	MAAARHSTLD FMLGAKADGE TILKGLQSIF QEQGMAESVH TWQDHGYLAT YTNKNGSFAN LRIYPHGLVL LDLQSYDGDA QGKEEIDSIL NKVEERMKEL SQDSTGRVKR LPPIVRGGAI DRYWPTADGR LVEYDIDEVV YDEDSPYQNI KILHSKQFGN ILILSGDVNL AESDLAYTRA IMGSGKEDYT GKDVILILGGG DGGILCEIVK LKPKMVTMVE IDQMVIDGCK KY		
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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