

Product Data Sheet

Recombinant Human SMC3 Protein

Catalog #	Source	Reactivity	Applications
CST1489	E. coli	H	
Description	Recombinant Human SMC3 Protein is produced by E. coli expression system and the target gene encoding Ile91-Ala500 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SMC3		
Alternative Names	BAM; BMH; CSPG6; SMC3L1; Structural maintenance of chromosomes protein 3; SMC protein 3; SMC-3; Basement membrane-associated chondroitin proteoglycan; Bamacan; Chondroitin sulfate proteoglycan 6; Chromosome-associated polypeptide; hCAP		
Entrez Gene	9126		
SwissProt	Q9UQE7		
Purity			
Chemical Structure	IDKEEVSLRR VIGAKKDQYF LDKKMVTKND VMNLLESAGF SRSNPYYIVK QGKINQMATA PDSQRLKLLR EVAGTRVYDE RKEESISLMK ETEGKREKIN ELLKYIEERL HTLEEEKEEL AQYQKWDKMR RALEYTIYNQ ELNETRAKLD ELSAKRETSG EKSQRQLRDAQ QDARDKMEDI ERQVRELKTK ISAMKEEKEQ LSAERQEQIK QRTKLELKAK DLQDELAGNS EQ		
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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