

Product Data Sheet

Recombinant Human Biglycan Protein

Catalog #	Source	Reactivity	Applications
CST1911	E. coli	H	
Description	Recombinant Human Biglycan Protein is produced by E. coli expression system and the target gene encoding Ala41-Ala290 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	BGN		
Alternative Names	SLRR1A; Biglycan; Bone/cartilage proteoglycan I; PG-S1		
Entrez Gene	633		
SwissProt	P21810		
Purity			
Chemical Structure	ASGADTSGVL DPDSVTPTYS AMCPFGCHCH LRVVQCSDLG LKSVPKESP DTTLLDLQNN DISELRKDDF KGLQHLYALV LVNNKISKIH EKAFLPLRKL QKLYISK NHL VEIPPNLPSS LVELRIHDNR IRKVPKGVFS GLRNMNCIEM GGNPLENSGF EPGAFLGLKL NYLRISAKL TGIPKDLPET LNELHLDHNK IQAIELEDLL RYSLYRLGL GHNQIRMIEN GS		
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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