

Recombinant Human Decorin Protein

Catalog #	Source	Reactivity	Applications
CRP2685	Baculovirus	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human Decorin Protein is produced by Baculovirus expression system and the target gene encoding Gly17-Lys359 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol DCN

Alternative Names SLRR1B; Decorin; Bone proteoglycan II; PG-S2; PG40

Entrez Gene 1634 (Human)

SwissProt P07585 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure GPFQQRGLFD FMLEDEASGI GPEVPDDRDF EPSLGPVCPF RCQCHLRVVQ CSDLGLDKVP
 KDLPPDTLL DLQNNKITEI KDGDFKLNKN LHALILVNNK ISKVSPGAFT PLVKLERLYL
 SKNQLKELPE KMPKTLQELR AHENEITKVR KVTFENGLNQM IVIELGTNPL KSSGIENGAF
 QGMKKLSYIR IADTNITSIP QGLPPSLTEL HLDGNKISRV DAASKGLNN LAKLGLSFNS
 ISAVDNGSLA NTPHLRELHL DNNKLTRVPG GLAEHKYIQV VYLHNNNISV VGSSDFCPPG
 HNTKKASYSV VSLFSNPVQY WEIQPSTFRC VYVRSIQLG NYKHHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

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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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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