

Recombinant Mouse Decorin Protein

Catalog #	Source	Reactivity	Applications
CRP2953	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse Decorin Protein is produced by mammalian expression system and the target gene encoding Gly17-Lys354 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 13179 (Mouse)

SwissProt P28654 (Mouse)

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

Chemical Structure GPFEQRGLFD FMLEDEASGI IPYDPDNPLI SMCOPYRCQCH LRVVQCSDLG LDKVPWDFPP
 DTTLLDLQNN KITEIKEGAF KNLKDLHTLI LVNNKISKIS PEAFKPLVKL ERLYLSKNQL
 KELPEKMPRT LQELRVHENE ITKLRKSDFN GLNNVLVIEL GGNPLKNSGI ENGAFQGLKS
 LSYIRISDTN ITAIPQGLPT SLTEVHLDGN KITKVDAPSL KGLINLSKLG LSFNSITVME
 NGSLANVPHL RELHLDNNKL LRVPAGLAQH KYIQVVYLHN NNISAVGQND FCRAHGHSRK
 ASYSAVSLYG NPVRYWEIFP NTFRCVYVRS AIQLGNYKVD HHHHHH

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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