

## proteoglycan

A subclass of protein in which the carbohydrate units are polysaccharides that contain amino sugars. The protein is glycosylated by one or more (up to about 100) glycosaminoglycans [linear polymers of up to about 200 repeating disaccharide units that consist of a hexosamine (D-glucosamine or D-galactosamine) alternating with a uronic acid (D-glucuronic or L-iduronic) or a neutral sugar (D-galactose)].

**Source:**

PAC, 1988, 60, 1389 (*Nomenclature of glycoproteins, glycopeptides and peptidoglycans (Recommendations 1985)*) on page 1391

White Book, p. 85