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Cytoskeletal Gene

National Cancer Institute

Source

National Cancer Institute. *Cytoskeletal Gene*. NCI Thesaurus. Code C20745.

Cytoskeletal Genes encode Cytoskeletal Proteins, diverse structural proteins including polymerizable globular subunits (actin, tubulin), "motor ATPases" (myosin, dynein), membrane-supporting linkers (spectrin, clathrin), fibrous proteins (keratin, vimentin), and many more. As constituents of the cytoskeleton, Cytoskeletal Proteins form a flexible cellular framework that provides attachment points for organelles and formed bodies and makes communication between cell parts possible. (NCI)