

# Tropomyosin

**Tropomyosin** - Tropomyosin is a two-stranded alpha-helical coiled coil protein found in cell cytoskeletons. tropomyosin [troʔpo-mi'o-sin] a muscle protein of the I band that inhibits contraction by blocking the interaction of actin and myosin, except when influenced by ...Function. Troponin is attached to the protein tropomyosin and lies within the groove between actin filaments in muscle tissue. In a relaxed muscle, tropomyosin blocks ...Tropomyosin. Tropomyosin is a two-chained  $\alpha$ -helical coiled coil, i.e., a dimer of two parallel polypeptide chains that can be assembled from identical (homodimer) or ...