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# Recombinant Thymosin

National Cancer Institute

## Source

National Cancer Institute. *Recombinant Thymosin*. NCI Thesaurus. Code C883.

A recombinant form of a polypeptide chemically identical to or similar to the hormone secreted by the thymus gland. Thymosin is generally known to have functions in the preprocessing of T cells and the development of B cells to plasma cells to produce antibodies. In particular, the predominant form of thymosin, beta 4 thymosin, is the principal actin-sequestering protein that plays an important role in functions that involve actin molecules, such as maintenance of cell shape, cytoplasmic organization, cell movement, and cell division.