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Protein Hormone Receptor

National Cancer Institute

Source

National Cancer Institute. *Protein Hormone Receptor*. NCI Thesaurus. Code C18968.

Typically associated with the cell membrane, Protein Hormone Receptors selectively bind with high affinity to genetically-encoded polymerized amino acids in peptide linkage that have regulatory effects on the activity of specific target cells. A ligand-induced conformational and functional change in the receptor alters its interaction with target molecules, leading to changes in cellular physiology through modification of the activity of signal transduction pathways.