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Adenylate Cyclase

National Cancer Institute

Source

National Cancer Institute. *Adenylate Cyclase*. NCI Thesaurus. Code C16264.

Adenylyl cyclases are membrane-associated enzymes of the lyase class that are expressed in most human tissues. These enzymes catalyze the formation of cyclic AMP and pyrophosphate from ATP and are regulated by a family of G protein-coupled receptors, protein kinases, and calcium.