

Adenylyl cyclase

Adenylyl cyclase is an enzyme, which catalyzes the conversion of ATP to cyclic 3',5'-adenosine monophosphate (cAMP), which serves as a second messenger. The enzyme is localized in the cell membrane. Its activity is increased by stimulatory G-proteins (Gs) and inhibited by inhibitory G-protein (Gi).

Sources

- ŠVÍGLEROVÁ, Jitka. *Adenylátcykláza* [online]. [cit. 2010-11-11]. <<https://web.archive.org/web/20160306065550/http://wiki.lfp-studium.cz/index.php/Adenylátcykláza>>.