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RGS Family Protein

National Cancer Institute

Source

National Cancer Institute. *RGS Family Protein*. NCI Thesaurus. Code C18166.

RGS family proteins activate GTPase and regulate G protein signaling by stimulating the inactivation of heterotrimeric G proteins. RGS family proteins are responsible for the rapid turnoff of G protein-coupled receptor signaling pathways. There are indications that a subset of RGS proteins regulate specific G protein-coupled receptor pathways.