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Poly [ADP-Ribose] Polymerase 1

National Cancer Institute

Source

National Cancer Institute. *Poly [ADP-Ribose] Polymerase 1*. NCI Thesaurus. Code C48215.

Poly [ADP-ribose] polymerase 1 (1013aa, ~113 kDa) is encoded by the human PARP1 gene. This protein is involved in poly ADP-ribosylation and in the regulation of various cellular processes such as differentiation, proliferation, tumor transformation, and recovery from DNA damage.