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DNA (Cytosine-5)-Methyltransferase 1

National Cancer Institute

Source

National Cancer Institute. *DNA (Cytosine-5)-Methyltransferase 1*. NCI Thesaurus. Code C73690.

DNA (cytosine-5)-methyltransferase 1 protein (1613 aa, ~183 kDa) is encoded by the human DNMT1 gene. This soluble, nuclear protein is involved in epigenetic modification of chromatin, catalyzing the methylation of C5 in CpG dinucleotides within DNA.