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Bromodomain

National Cancer Institute

Source

National Cancer Institute. *Bromodomain*. NCI Thesaurus. Code C13732.

A motif common in chromatin remodeling factors. It consists of approximately 110 amino acids in a left-handed up-and-down four helix bundle with a left handed twist. A hydrophobic pocket in the bromodomain creates an acetyl-lysine binding domain. Bromodomain-containing proteins may recruit remodeling complexes to acetylated chromatin regions.