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SWI2/SNF2

National Cancer Institute

Source

National Cancer Institute. *SWI2/SNF2*. NCI Thesaurus. Code C19803.

Nuclear SWI2/SNF2 (SNF2/RAD54 Helicase Family) is a 1703-aa, 194-kD general RNA polymerase II transcription regulator component of the SWI/SNF nucleosome/chromatin remodeling complex involved in global transcriptional activation of induced gene expression and coordinate regulation of phospholipid synthesis. This complex alters chromatin structure to facilitate binding of gene-specific transcription factors. Containing a bromodomain domain and three AT Hook DNA-binding repeats, SWI2/SNF2 exhibits strong similarity to *Drosophila brahma*. (from Swiss-Prot, and NCI)