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# SWI1

National Cancer Institute

## Source

National Cancer Institute. *SWI1*. NCI Thesaurus. Code C19807.

A component of the SWI/SNF global transcription activator complex, SWI1 acts in complex with Snf2p, Snf5p, Snf6p, and Swi3p to assist gene-specific activators through nucleosome/chromatin remodeling. SWI1 is involved in the regulation of many genes, including ADH1, ADH2, GAL1, HO, INO1 and SUC2. The SWI/SNF complex is required for induced expression of many genes and alters chromatin structure to facilitate binding of gene-specific dedicated transcription factors. A zinc finger non-specific RNA polymerase II transcription factor, SWI1 contains an ARID domain. (from SWISS-PROT P09547, SGD S0005937, and NCI)