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# CRE Recombinase

National Cancer Institute

## Source

National Cancer Institute. *CRE Recombinase*. NCI Thesaurus. Code C17285.

CRE Recombinase catalyses site-specific recombination between two 34 base pair loxp sites and maintains the phage genome as a monomeric unit-copy plasmid in the lysogenic state. CRE is a homotetramer when bound to DNA and belongs to the phage integrase family. (from SWISS-PROT P06956 and NCI)