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# Ku Protein

National Cancer Institute

## Source

National Cancer Institute. *Ku Protein*. NCI Thesaurus. Code C17305.

A DNA damage repair complex that, with the 470-kDa DNA-dependent protein kinase catalytic subunit (DNA-PKcs) protein, is part of the DNA-dependent protein kinase. This protein complex is involved in V(D)J recombination, nonhomologous end-joining DNA repair, and the recognition and repair of double-stranded DNA breaks.