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# Dominant Negative Receptor

National Cancer Institute

## Source

National Cancer Institute. *Dominant Negative Receptor*. NCI Thesaurus. Code C19360.

A receptor protein that inhibits the downstream functions of an associated receptor, which requires dimerization for activity. The dominant-negative receptor usually has an intact ligand binding region but is missing an intracellular enzymatic region. It may be a mutated form of a full length receptor or it may be in the same receptor family.