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Oncogene EGF

National Cancer Institute

Source

National Cancer Institute. *Oncogene EGF*. NCI Thesaurus. Code C18494.

Human Oncogene EGF is a mutated variant of EGF Gene, which encodes Epidermal Growth Factor, a 53-aa peptide hormone with profound effects on cell differentiation and potent mitogenic effects on a variety of ectodermal and mesodermal cells. The EGF precursor is believed to exist as a membrane-bound molecule that is proteolytically cleaved to generate the hormone. Oncogene EGF disrupts normal cell function.