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# FPS-FES Oncoprotein

National Cancer Institute

## Source

National Cancer Institute. *FPS-FES Oncoprotein*. NCI Thesaurus. Code C18578.

Human FPS-FES Protein is a product of a mutated variant (Oncogene FPS-FES) of FES Gene (FES/FPS Subfamily), which encodes 822 aa 93-kDa Tyrosine-Protein Kinase FES/FPS, a tyrosine-specific protein kinase involved in normal hematopoiesis and containing an FCH and SH2 domain. The FES chromosomal location is linked to a translocation identified in patients with acute promyelocytic leukemia. A truncated transcript is generated utilizing a start site in a far downstream exon. FPS-FES Protein disrupts normal cell function.