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# Fas Receptor Agonist APO010

National Cancer Institute

## Source

National Cancer Institute. *Fas Receptor Agonist APO010*. NCI Thesaurus. Code C67041.

A recombinant, soluble, hexameric fusion protein consisting of three human Fas ligand (FasL) extracellular domains fused to the dimer-forming collagen domain of human adiponectin with potential pro-apoptotic and antineoplastic activities. Assembled into a soluble hexameric structure mimicking the ligand clustering of endogenous active FasL, Fas receptor agonist APO010 activates the Fas receptor, resulting in caspase-dependent apoptosis in susceptible tumor cell populations. FasL is a transmembrane protein of the tumor necrosis factor (TNF) superfamily and a pro-apoptotic ligand for the death receptor Fas.