

[Open Peer Review on Qeios](#)

# IL-2 Recombinant Fusion Protein ALT-801

National Cancer Institute

## Source

National Cancer Institute. *IL-2 Recombinant Fusion Protein ALT-801*. NCI Thesaurus. Code C71743.

A recombinant protein consisting of the cytokine interleukin-2 (IL-2) fused to a humanized soluble T-cell receptor (TCR) directed against a tumor suppressor p53-derived antigen with potential immunopotentiating and antineoplastic activities. The TCR moiety of IL-2 recombinant fusion protein ALT-801 binds to tumor cells displaying p53 epitope/MHC complexes; subsequently, the tumor cell-localized IL-2 moiety may stimulate natural killer (NK) cell and T cell cytotoxic immune responses against p53-expressing tumor cells.