

[Open Peer Review on Qeios](#)

Cytokine-based Biologic Agent IRX-2

National Cancer Institute

Source

National Cancer Institute. *Cytokine-based Biologic Agent IRX-2*. NCI Thesaurus. Code C53396.

A cell-free mixture comprised of a variety of naturally-derived cytokines obtained from normal, unrelated donor lymphocytes with potential immunostimulatory activity. The cytokines in IRX-2, including interleukin (IL)-1, -2, -6, -8, -10, -12, tumor necrosis factor alpha (TNF- α), interferon-gamma (IFN- γ) and colony stimulating factors (CSFs), play vital roles in regulating cellular immunity and may synergistically stimulate a cellular immune response against tumor cells.