

## 32-9563: Recombinant Human Interleukin-2/IL-2 (Mutant)

**Alternative Name :** Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2

### Description

Source : Human Cells;

Interleukin-2(IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system, belongs to the IL-2 family. It is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes. New research has shown that IL-2 mutant reduced toxicity while being more potent at stimulating anti-tumor effector immune cells.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Amino Acid :** Recombinant Human IL-2 Superkine is produced by our Mammalian expression system and the target gene encoding Ala21-Thr153(L100F,R101D,L105V,I106V,I112F) is expressed with a 6His tag at the C-terminus.Â