

## 32-18049: Recombinant Human IL-2 Superkine (Mutant, C-6His) Protein

**Uniprot ID :** P60568

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

### Description

Molecular weight: 16.5 KDa

Description: Recombinant Human Interleukin-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.

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 :** 50 µg

**Content :** Lyophilized from a 0.2 ml filtered solution of 4mM HCl.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.