

**Recombinant Human Interleukin-2/IL-2 Protein**

**Cat.NO.: TP04711**

3th Edition

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

**Description:**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.

**Form:**PBS

**Molecular Weight:**15.5 kDa

**Sequences:**Ala21-Thr153

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.