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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 ?m 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.