

32-20210: Recombinant Murine IL-2(Discontinued)

Reactivity : Human, Mouse,
Alternative Name : T-cell growth factor (TCGF), Aldesleukin

Description

Source: E.coli IL-2 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. Recombinant Murine IL-2 is a 17.2 kDa protein containing 148 amino acid residues.

Product Info

Amount : 5 µg / 20 µg
Purification : Purity: $\geq 98\%$ by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : PTSSSTSSST AEAQQQQQQQ QQQQHLEQL LMDLQELLSR MENYRNLKLP RMLTFKFYLP
KQATELKDLO CLEDELGPLR HVLDLTQSKS FQLEDAENFI SNIRVTVVKL KGSNTFECQ FDESATVVD
FLRRWIAFCQ SIISTSPQ

Application Note

The ED_{50} as determined by the dose-dependent stimulation of murine CTLL-2 cells is ≤ 0.2 ng/ml, corresponding to a specific activity of $\geq 5 \times 10^6$ units/mg.