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32-20211: Animal-Free Recombinant Murine IL-2(Discontinued)

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

Description

Source:E.coliIL-2 is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation.Â IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response.Â IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes.Â Recombinant Murine IL-2 is a 17.2 kDa protein containing 148 amino acid residues.

Product Info

Amount : 5 µg / 20 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : PTSSSTSSST AEAQQQQQQQ QQQQQHLEQL LMDLQELLSR MENYRNLKLP RMLTFKFYLP KQATELKDLQ CLEDELGPLR HVLDLTQSKS FQLEDAENFI SNIRVTVVKL KGSDNTFECQ FDDESATVVD FLRRWIAFCQ SIISTSPQ

Application Note

Determined by its ability to stimulate the proliferation of mouse CTLL-2 cells. The expectedÃ□Â ED_{50}Ã□Â is <= 0.2 ng/ml, corresponding to a specific activity of >= 5 x 10^6units/mg.

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