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IL2(C160S), 21-169aa, Mouse, His tag, E.coli

产品货号: TP02629

第三版

别名: Interleukin-2, IL-2, T-cell growth factor, TCGF

描述: IL2(Interleukin2), also known as T cell growth factor (TCGF), is an immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL2/IL-2R signaling is required for T-cell proliferation and other fundamental functions which are essential for the immune response. IL2 stimulates growth and differentiation of B-cells, NK cells, lymphokine activated killer cells, monocytes, macrophages and oligodendrocytes. Recombinant mouse IL2 was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

配方: Liquid. In Phosphate Buffered Saline (pH7.4), 10% glycerol

分子量: 17.3kDa (150aa) confirmed by MALDI-TOF

序列:

MAPTSSSTSSSTAEAAQQQQQQQQQQQHLEQLLMDLQELLSRMENYRNKLPKQATELKDLCLEDELG
PLRHVLDLTQSKSFQLEDAENFISNIRVTVVKLKGSNDNTFECQFDDESATVVDFLRRWIAFSQSIISTSPQ

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by BCA assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.