

IL-2 (C-6His), Rat, Recombinant**Cat. No. : GPCK026****产品信息**

物种	Rat
表达宿主	Human Cells
序列信息	Ala21-Gln155
检索号	P17108
分子量	16.3 kDa
有效期	6 months

产品特性

内毒素 (EU/μg)	< 0.1
保存	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
运输	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
制剂	Supplied as a 0.2 μm filtered solution of 5 mM NaH ₂ PO ₄ , 5 mM Citric acid, 150 mM NaCl, pH 4.0.

背景介绍

Interleukin-2 (IL-2) is a O-glycosylated four α-helix bundle Cytokine that has potent stimulatory activity for antigenactivated T cells. It is expressed by CD4+ and CD8+ T cells, γδ T cells, B cells, dendritic cells, and eosinophils. Mature rat IL-2 shares 66% and 73% amino acid sequence identity with human and mouse IL-2, respectively. The Receptor for IL-2 consists of three subunits that are present on the cell surface in varying preformed complexes. 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.

