

产品名称: GMP Recombinant Human IL-2
产品货号: PCH90024

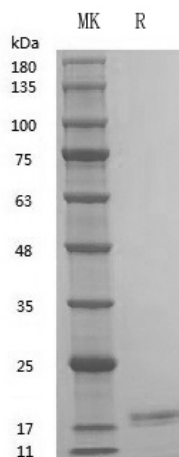


概述 (Summary)

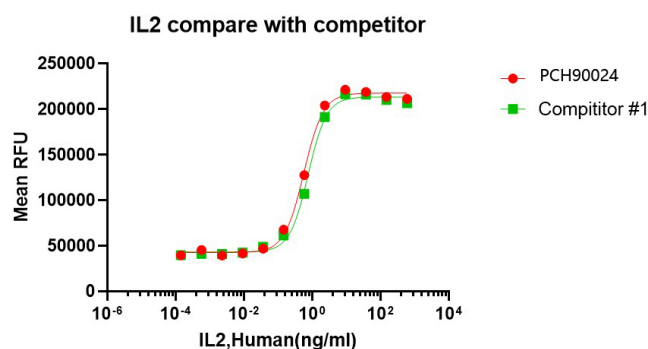
英文全称	IL-2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	≤1 EU/mg
蛋白构建 (Construction)	Recombinant Human IL-2 is produced by our Mammalian cell expression system and the target gene encoding Ala21-Thr153 is expressed.
Accession #	P60568
蛋白标签 (Tag)	Tag free
表达宿主 (Host)	Mammalian cell
种属 (Species)	Human
预测分子量 (Predicted MW)	15.4 kDa
蛋白形态 (Form)	Lyophilized
储存缓冲液 (Buffer)	PBS, 5% mannitol and 0.01% Tween 80, pH7.4
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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活性验证图 (Bioactivity image)



≥1×10⁷ IU/mg. Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells.

背景 (Background)

分子别名 (Alternative Names)

Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2

背景介绍 (References)

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.

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注意事项 (Note)

For research use only .