IL-2 (C-6His), Human, Recombinant

PCK022

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

Human

Human Cells

Ala21-Thr153

P60568

16.4 kDa

C-6His

Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells The specific activity of Recombinant Human IL-2 is ≥1×10^7 IU/mg.

>95% as determined by reducing SDS-PAGE.

<1.0 EU per μg as determined by LAL test.

Lyophilized protein should be stored at -5~-20℃, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20℃ for 3 months.

Ambient temperature or ice pack.

Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH 7.4.

: www.procell.com.cn
: 400-999-2100
: techsupport@procell.com.cn
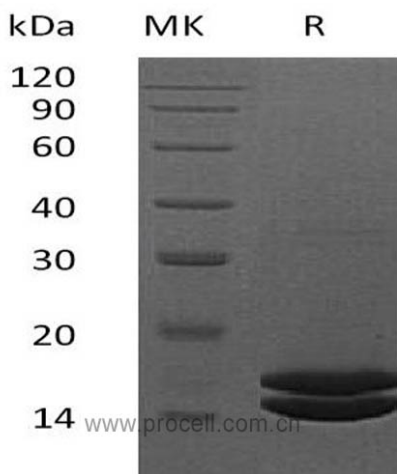:   858   C4

Rev.V1.0

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100 μg/ml.Dissolve the lyophilized protein in distilled waterPlease aliquot the reconstituted solution to minimize freeze-thaw cycles.
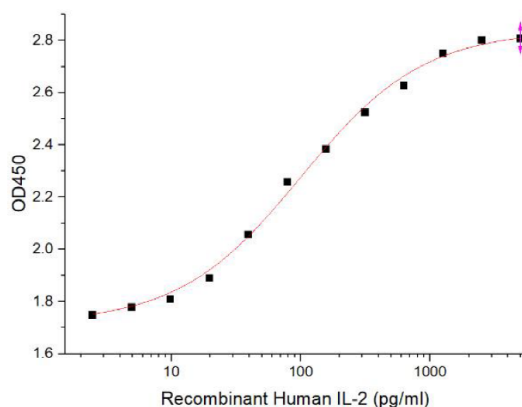
Interleukin-2 (IL-2) is an Interleukin, a type of Cytokine signaling molecule in the immune system，belongs to the IL-2 family. It is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/ IL-2R signaling is required for T-cell proliferation 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.

SDS-PAGE

Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells The specific activity of Recombinant Human IL-2 is ≥1×10^7 IU/mg.

: www.procell.com.cn
: 400-999-2100
: techsupport@procell.com.cn
:   858   C4

Rev.V1.0