

Human CellExp IL-2, Human recombinant protein
Human Cellexp Human Recombinant IL-2
Catalog # PBV10693r**Specification**

Human CellExp IL-2, Human recombinant protein - Product info

Primary Accession [P60568](#)
Calculated MW **15 kDa, monomer, glycosylated kDa**

Human CellExp IL-2, Human recombinant protein - Additional Info

Gene ID **3558**
Gene Symbol **IL2**
Other Names
T-cell growth factor (TCGF), Aldesleukin, Lymphokine, IL-2.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **0.2 to 2 ng/ml**

Application Notes

Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

Format

Lyophilized

Storage

-80°C; Lyophilized from a PBS solution.

Human CellExp IL-2, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp IL-2, Human recombinant protein - Images**Human CellExp IL-2, Human recombinant protein - Background**

IL-2 is a potent immuno-modulator, which mediates a wide range of immune and inflammatory

responses and is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.

Human CellExp IL-2, Human recombinant protein - References

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Taniguchi T.,et al.Nature 302:305-310(1983).
Devos R.,et al.Nucleic Acids Res. 11:4307-4323(1983).
Fujita T.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:7437-7441(1983).
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