

Human CellExp IL-4, Human recombinant protein
Human Cellexp Human Recombinant IL-4
Catalog # PBV10695r**Specification**

Human CellExp IL-4, Human recombinant protein - Product info

Primary Accession [P05112](#)
Calculated MW **14 and 19 kDa, monomer KDa**

Human CellExp IL-4, Human recombinant protein - Additional Info

Gene ID **3565**
Gene Symbol **IL4**
Other Names
BCGF, BCDF, B cell stimulating factor, BSF-1, Lymphocyte stimulatory factor 1, IL-4, MGC79402, Binetrakin, Pitrakinra.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **0.1 to 0.5 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 solution of 20 mM Tris-HCl, pH 7.4, with 300 mM NaCl.

Human CellExp IL-4, 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-4, Human recombinant protein - Images**Human CellExp IL-4, Human recombinant protein - Background**

IL4 is a pleiotropic cytokine and a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B cells and T cells. It is produced by activated T cells and is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Human CellExp IL-4, Human recombinant protein - References

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Arai N.,et al.J. Immunol. 142:274-282(1989).
Klein S.C.,et al.Immunogenetics 41:57-57(1995).
Eder A.,et al.Nucleic Acids Res. 16:772-772(1988).
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