

Human CellExp IL-9, Human recombinant protein
Human Cellexp Human Recombinant IL-9
Catalog # PBV10697r**Specification**

Human CellExp IL-9, Human recombinant protein - Product info

Primary Accession [P15248](#)
Calculated MW **38 to 48 kDa, monomer, glycosylated kDa**

Human CellExp IL-9, Human recombinant protein - Additional Info

Gene ID **3578**
Gene Symbol **IL9**

Other Names

P40, HP40, T-cell growth factor p40, IL-9, P40 cytokine.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; > 95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **0.03 to 0.2 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-9, 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-9, Human recombinant protein - Images**Human CellExp IL-9, Human recombinant protein - Background**

Interleukin 9 (IL-9) is cytokine produced by a subgroup of helper T cells, known as Th2 cells. IL-9

signals through its receptor IL-9R to induce cell proliferation and survival. Genetically, IL-9 has been identified as a gene associated with asthma. It is also thought to be a regulator of hematopoiesis. It has been shown to enhance the growth of human mast cells and megakaryoblastic leukemic cells as well as murine helper t-cell clones.

Human CellExp IL-9, Human recombinant protein - References

Yang Y.C.,et al.Blood 74:1880-1884(1989).
Renauld J.-C.,et al.Cytokine 2:9-12(1990).
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Schmutz J.,et al.Nature 431:268-274(2004).