

Human CellExp IL-23, Human recombinant protein
Human Cellexp Human Recombinant IL-23
Catalog # PBV10702r**Specification**

Human CellExp IL-23, Human recombinant protein - Product info

Primary Accession [Q9NPF7](#)
Calculated MW **55 kDa, heterodimer, glycosylated KDa**

Human CellExp IL-23, Human recombinant protein - Additional Info

Gene ID **51561**
Gene Symbol **IL23A**

Other Names

Interleukin 23 alpha subunit p19, Interleukin-12 subunit beta p40, SGRF, IL23P19, IL-23-A, interleukin-six, G-CSF related factor, JKA3 induced upon T-cell activation, interleukin 12B (natural killer cell stimulatory factor 2 cytotoxic lymphocyte maturation factor 2 p40), NK cell stimulatory factor chain 2, Cytotoxic lymphocyte maturation factor 40 kDa subunit, CLMF2, CLMF p40.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; > 95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **2 to 20 ng/ml**

Application Notes

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

Format

Lyophilized

Storage

-80°C; Lyophilized in PBS.

Human CellExp IL-23, 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-23, Human recombinant protein - Images

Human CellExp IL-23, Human recombinant protein - Background

IL23 is composed of a subunit of the heterodimeric cytokine IL23 and the p40 subunit of interleukin 12 (IL12B). Interleukin-23 (IL-23) belongs to the IL-12 family and is produced by antigen presenting cells. IL-23 using IL12RB1 and IL-23R (specific for IL-23) can activate STAT and NF-kB pathways and stimulate the production of interferon-gamma.). IL-23 is known to take a vital part in the inflammation process and is associated with auto immune diseases. However, unlike IL12, which acts primarily on naive CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells.

Human CellExp IL-23, Human recombinant protein - References

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Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Parham C.,et al.J. Immunol. 168:5699-5708(2002).
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