

IL-18, human recombinant protein

Interferon- γ -inducing factor, IGIF, IL-1g, IL-18, IL1F4, MGC12320, IFN- γ -inducing factor, Interleuki

Catalog # PBV10162r

Specification

IL-18, human recombinant protein - Product info

Primary Accession [O14116](#)
Calculated MW **18.3 kDa KDa**

IL-18, human recombinant protein - Additional Info

Gene ID **3606**
Gene Symbol **IL18**
Other Names
Interferon- γ -inducing factor, IGIF, IL-1g, IL-18, IL1F4, MGC12320, IFN- γ -inducing factor, Interleukin-1 γ , IL-1 γ , Ibctadekin.

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; $\geq 98\%$**
Assay2&Purity2 **HPLC; $\geq 98\%$**
Recombinant **Yes**
Results **5 ng/ml**
Target/Specificity
IL-18

Application Notes

Reconstitute in ice-cold H₂O to a concentration of 0.5-1 $\mu\text{g}/\mu\text{l}$. The solution can be stored at 4°C for 1 week. For storage, prepare appropriate aliquots and freeze them at -80°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from PBS

IL-18, 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](#)

IL-18, human recombinant protein - Images

IL-18, human recombinant protein - Background

Interleukin-18 (IL-18), an 18 kDa cytokine, is a single, non-glycosylated polypeptide chain containing 157 amino acids. IL-18 was previously known as interferon-g inducing factor (IGIF). This pleiotropic cytokine is produced by monocyte/macrophage cells. Like IL-12, IL-18 plays an important role in cell-mediated immune responses.