

Human CellExp IL-12, Human recombinant protein
Human Cellexp Human Recombinant IL-12
Catalog # PBV10699r**Specification**

Human CellExp IL-12, Human recombinant protein - Product info

Primary Accession [P29459](#)
Calculated MW **57 kDa, heterodimer, glycosylated KDa**

Human CellExp IL-12, Human recombinant protein - Additional Info

Gene ID **3592**
Gene Symbol **IL12A**

Other Names

NKSF, CTL maturation factor (TCMF), Cytotoxic lymphocyte maturation factor (CLMF), TSF, Edodekin-alpha, IL-12.

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 PBS solution.

Human CellExp IL-12, 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-12, Human recombinant protein - Images**Human CellExp IL-12, Human recombinant protein - Background**

IL-12 is a potent regulator of cell mediated immune responses and induces IFN- γ production by NK and T cells. It is produced by activated monocytes/macrophage cells, B-lymphocytes, and connective tissue type mast cells. Among its biological activities, IL-12 promotes the growth and activity of activated NK, CD4+, and CD8+ cells and induce the development of IFN- γ producing Th1 cells.

Human CellExp IL-12, Human recombinant protein - References

Wolf S.F.,et al.J. Immunol. 146:3074-3081(1991).
Gubler U.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:4143-4147(1991).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Stern A.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:6808-6812(1990).
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