

IL-13, rat recombinant protein

NC30, ALRH, BHR1, P600, IL-13, MGC116786, MGC116788, MGC116789.

Catalog # PBV10146r

Specification

IL-13, rat recombinant protein - Product info

Primary Accession

[P42203](#)

Calculated MW

12.7 kDa KDa**IL-13, rat recombinant protein - Additional Info**

Gene ID

116553

Gene Symbol

IL13**Other Names**

NC30, ALRH, BHR1, P600, IL-13, MGC116786, MGC116788, MGC116789.

Gene Source

Rat

Source

E. coli

Assay&Purity

SDS-PAGE; ≥95%

Assay2&Purity2

HPLC; ≥95%

Recombinant

Yes

Results

2-6 ng/ml**Target/Specificity**

IL-13

Application NotesReconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. The solution can be diluted into other aqueous buffers**Format**

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

IL-13, rat 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-13, rat recombinant protein - Images

IL-13, rat recombinant protein - Background

IL-13 is an immunoregulatory cytokine produced mainly by T helper 2 cells, but also by mast cells and NK cells. IL-13 is a unique cytokine having similar structural features and functional characteristics as IL-4, but only shares ~30% homolog with the IL-4 sequence. IL-13 inhibits IL-1 β , IL-6, IL-8, and TNF- α resulting in anti-inflammatory effects on monocytes and macrophages. IL-13 also induces B cells to proliferate and modulating TH2 cell development. Recombinant rat IL-13 is an 11.9 kDa protein containing 109 amino acid residues.

IL-13, rat recombinant protein - References

Lakkis F.G., et al. Biochem. Biophys. Res. Commun. 197:612-618(1993).