

## Recombinant Interleukin 13 (IL13)

Catalog No.: TP05825

50µg

### Sequence Information

**Species:** Mouse

**Gene ID:**16163

**Swiss Prot:**P20109

**Synonyms:**ALRH; BHR1; P600; IL-13; NC30

**Residues:**Met1~Phe131

MALWVTAVLALACLGLAAGPVPVRSVSLPLTLKELIEELSNITQDQTPLCNGS

MVWSVDLAAGGFCVALDSLNTNISNCNAIYRTQRIHGLCNRKAPTTVSSLPDTK

IEVAHFITKLLSYTKQLFRHGPF

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:**N-terminal His Tag

**Subcellular Location:**Secreted.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:**PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.2

**Predicted Molecular Mass:** 17.8kDa

**Accurate Molecular Mass:** 18kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

