Murine IL-13

Murine Interleukin-13, recombinant

Synonyms: Interleukin-13, NC300, ALRH, BHR1, P600, IL-13, IL13.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	1550.960.002		
10 µg	1550.960.010		
1 mg	1550.960.199		

Please enquire for bulk quantities and other vial sizes.

Description

Interleukin-13 Murine Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 111 amino acids and having a molecular mass of 12.3 kDa.

- **Biological Activity** ≥ 2,5 x 10^5 IU/mg.
- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The protein (1 mg/ml) was lyophilized in PBS, pH 7.2 and 5 % trehalose*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

The ED_{50} range = ng/ml, corresponding to a specific activity of 250,000IU/mg as determined by the dose dependent proliferation of TF-1 cells.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized Interleukin-13 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL13 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

```
MPVPRSVSLP LTLKELIEEL SNITQDQTPL CNGSMVWSVD LAAGGFCVAL DSLTNISNCN AIYRTQRILH
GLCNRKAPTT VSSLPDTKIE VAHFITKLLS YTKQLFRHGP F
```

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
Tel.: +49 40 4320 8448 - 0
order@active-bioscience.de
www.active-bioscience.de

TECHNICAL SUPPORT
Tel.: +49 40 4320 8448 - 11
support@active-bioscience.de

Active Bioscience GmbH
Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg