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## Product Datasheet

### Murine Interleukin-4 (rMuIL-4 ) (orb1494923)

**Description**

Interleukin-4 is a pleiotropic cytokine that

including cell...

**Endotoxins**

Less than 1EU/mg of rmlL-4 as determined by LAL method.

**Preservatives**

Lyophilized from a 0.2mm filtered solution in PBS, pH 7.4.

**Form/Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Storage**

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

**Note**

For research use only

**Application notes**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 10mM HAc to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

**Protein Sequence**

MHIHGCDKNH LREIIGILNE VTGEGTPCTE  
MDVPNVLTAT KNTTESELVC RASKVLRIFY  
LKHGKTPCLK KNSSVLMELQ RLFRAFRCCLD  
SSISCTMNES KSTSLKDFLE SLKSIMQMDYS

**Source**

Escherichia coli.

**MW**

Approximately 13.5 kDa, a single non-glycosylated polypeptide chain containing 120 amino acids.

**Expiration Date**

6 months from date of receipt.