
Product Datasheet

**Human Interleukin-1 beta (rHu IL-1 β)
(orb1495048)**

Description

IL-1 beta is a proinflammatory cytokine

monocytes, tissue m...

Endotoxins

Less than 1EU/µg of rHuIL-1β as determined by LAL method.

Preservatives

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.5.

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 sterile distilled water or aqueous buffer containing 0.1% BSA 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

APVRSLNCTL RDSQQKSLVM
SGPYELKALH LQGQDMEQQV
VFMSFVQGE ESNDKIP VAL
GLKEKNLYLS CVLKDDKPTL
QLESVDPKNY PKKKMEKRFV FNKIEINNKL
EFESAQ FPNW YISTSQAENM
PVFLGGTKGG QDITDFTMQF VSS

Source

Escherichia coli

MW

Approximately 17.3 kDa, a single non-glycosylated polypeptide chain containing 153 amino acids.

Expiration Date

6 months from date of receipt.