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Product Datasheet

Recombinant Human Interleukin-1 beta (rHu IL-1beta) BWT-PR1055

Article Name	Recombinant Human Interleukin-1 beta (rHu IL-1beta)
Biozol Catalog Number	BWT-PR1055
Supplier Catalog Number	PR1055
Alternative Catalog Number	BWT-PR1055-2UG,BWT-PR1055-10UG,BWT-PR1055-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	IL-1 beta is a proinflammatory cytokine produced in a variety of cells including monocytes, tissue macrophages, keratinocytes and other epithelial cells. Both IL-1 alpha and IL-1 beta binds to the same receptor and has similar if not identical biolog...
Molecular Weight	Approximately 17.3 kDa, a single non-glycosylated polypeptide chain containing 153 amino acids.
Source	Escherichia coli
Purity	>97% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	APVRSLNCTL RDSQQKSLVM SGPYELKALH LQGQDMEQQV VFSMSFVQGE ESNDKIP VAL GLKEKNLYLS CVLKDDKPTL QLESVDPKNY PKKKMEKRFV FNKIEINNKL EFESAQ FPNW YISTSQAENM PVFLGGTKGG QDITDFTMQF VSS
Formula	Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.5.

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 <-20C. Further dilutions should be made in appropriate buffered solutions.