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## Product Datasheet

### Recombinant Murine Interleukin-1 beta (rMuIL-1beta ) BWT-PR2020

Article Name	Recombinant Murine Interleukin-1 beta (rMuIL-1beta )
Biozol Catalog Number	BWT-PR2020
Supplier Catalog Number	PR2020
Alternative Catalog Number	BWT-PR2020-2UG,BWT-PR2020-10UG,BWT-PR2020-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	IL-1beta is a proinflammatory cytokine produced in a variety of cells including monocytes, tissue macrophages, keratinocytes and other epithelial cells. Both IL-1alpha and IL-1beta binds to the same receptor and has similar if not identical biologica...
Molecular Weight	Approximately 17.5kDa, a single non-glycosylated polypeptide chain containing 153 amino acids.
Source	Escherichia coli.
Purity	>98% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MVPIRQLHYR LRDEQQKSLV LSDPYELKAL HLNGQNIQQ VIFSMSFVQG EPSNDKIPVA LGLKGKNLYL SCVMKDGTPT LQLESVDPKQ YPKKKMEKRF VFNKIEVKSK VEFESAEFPN WYISTSQAEH KPVFLGNNSG QDIIDFTMES VSS
Formula	Lyophilized from a 0.2mm filtered solution in PBS, pH 7.4.

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.