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Product Datasheet

Recombinant Human Interleukin-1 receptor antagonist (rHu IL-1ra) BWT-PR1051

Article Name	Recombinant Human Interleukin-1 receptor antagonist (rHu IL-1ra)
Biozol Catalog Number	BWT-PR1051
Supplier Catalog Number	PR1051
Alternative Catalog Number	BWT-PR1051-20UG,BWT-PR1051-100UG,BWT-PR1051-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Interleukin-1 receptor antagonist (IL-1ra) is a member of the IL-1 family. Endogenous IL-1ra is produced in numerous animal disease models as well as in human autoimmune and chronic inflammatory diseases. It binds to IL-1 receptors in competition wit...
Molecular Weight	Approximately 17.0 kDa, a single non-glycosylated polypeptide chain containing 153 amino acids.
Source	Escherichia coli
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MRPSGRKSSK MQAFRIWDVN QKTFYLRNNQ LVAGYLQGPV VNLEEKIDVVPIEPHALFLG IHGGKMCLSC VKSGDETRLQ LEAVNITDLS ENRKQDKRFA FIRSDSGPTT SFESAACPGW FLCTAMEADQ PVSLTNMPDE GVMVTKFYFQ EDE
Formula	Lyophilized from a 0.2m filtered concentrated 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.