

# Product Datasheet

## **Recombinant Porcine Interleukin-1 receptor antagonist protein Protein NBP3-23517-100ug**

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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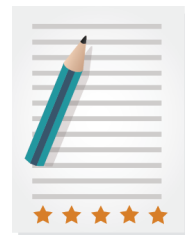
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**NBP3-23517-100ug**

Recombinant Porcine Interleukin-1 receptor antagonist protein Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 1 x PBS, pH 7.4, 1 mM DTT.
Target Molecular Weight	17.1 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 152 amino acids corresponding to Interleukin-1 receptor antagonist protein <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> Q29056</p> <p><b>Amino Acid Sequence:</b> HPLGKRPCRM QAFRIWDVNQ KTFYLRNNQL VAGYLQGPNT KLEEKIDVVP VEPHFVFLGI HGGKLCLSCV KSGDEMKLQL DAVNITDLRK NSEQDKRFTF IRSDSGPTTS FESAACPGWF LCTALEADQP VGLTNTPKAA VKVTKFYFQQ DQ</p> <p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> <li>- 12 months from date of receipt, -20 to -70 °C as supplied..</li> <li>- 1 month, 2 to 8 °C under sterile conditions after reconstitution..</li> <li>- 3 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>
Gene ID	397499
Gene Symbol	IL1RN
Species	Porcine
Details of Functionality	IL1RAP Protein fully biologically active when compared to standard. The ED50 as determined by inhibiting IL-1alpha-dependent proliferation of murine D10S cells is less than 50 ng/ml, corresponding to a specific activity of > 2.0 x 10 <sup>4</sup> IU/mg in the presence of 75 pg/ml rPoIL-1alpha.
Endotoxin Note	Less than 0.1 EU/ug of IL-1 RAcP/IL-1 R3 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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