

# Product Datasheet

## Recombinant Equine IL-1 beta/IL-1F2 Protein NBP2-34941-10ug

Unit Size: 10 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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**NBP2-34941-10ug**

Recombinant Equine IL-1 beta/IL-1F2 Protein

Product Information	
Unit Size	10 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	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 1 x PBS, pH 7.4, 0.1 % Tween-80.
Target Molecular Weight	17.3 kDa

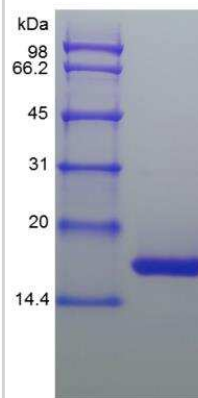
Product Description	
Description	A single non-glycosylated polypeptide chain containing 153 amino acids corresponding to IL-1 beta/IL-1F2 <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> Q28386  <b>Amino Acid Sequence:</b> AAMHSVNCRL RDIYHKSLVL SGACELQAVH LNGENTNQV VFCMSFVQGE EETDKIPVAL GLKEKNLYLS CGMKDGGKPTL QLETVDPTY PKRKMEKRFV FNKMEIKGNV EFESAMYPNW YISTSQAEEKS PVFLGNTRGG RDITDFIMEI TSA
Gene ID	3553
Gene Symbol	IL1B
Species	Equine
Details of Functionality	IL1 beta Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine D10S cells is less than 20 pg/ml, corresponding to a specific activity of $> 5.0 \times 10^7$ IU/mg.
Endotoxin Note	Less than 1 EU/ug of IL-1 beta/IL-1F2 as determined by LAL method.

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



## Images

SDS-Page: Equine IL-1 beta/IL-1F2 Protein [NBP2-34941]





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### **Products Related to NBP2-34941-10ug**

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NBP2-35895-10ug	Recombinant Human IL-1 beta/IL-1F2 Protein
210-TA-005	TNF-alpha [Unconjugated]
201-LB-005	IL-1 beta/IL-1F2 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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