

Product Datasheet

Recombinant Rat Defensin beta 1 Protein NBP2-35236-5ug

Unit Size: 5ug

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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NBP2-35236-5ug**Recombinant Rat Defensin beta 1 Protein**

Product Information	
Unit Size	5ug
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 20 mM PB, 500 mM NaCl, pH 7.0.
Target Molecular Weight	4.1 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 37 amino acids corresponding to Defensin beta 1 Source: <i>E. coli</i></p> <p>Uniprot ID: O89117</p> <p>Amino Acid Sequence: DQYRCLQNGG FCLRSSCP SH TKLQGTCKPD KPNCCRS</p>
Gene ID	1672
Gene Symbol	DEFB1
Species	Rat
Details of Functionality	Defensin beta 1 protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using CD34+ dendritic cells is in a concentration range of 100.0-1000.0 ng/ml
Endotoxin Note	Less than 1 EU/ug of Defensin beta 1 as determined by LAL method.

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



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Products Related to NBP2-35236-5ug

NBP2-34906-5ug	Recombinant Human Defensin beta 1 Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-67933	Human Defensin beta 1 ELISA Kit (Colorimetric)
M6000B-1	IL-6 [HRP]

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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