

# Product Datasheet

## Recombinant Human Defensin beta 2 Protein NBP2-34910-5ug

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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**NBP2-34910-5ug**

Recombinant Human Defensin beta 2 Protein

**Product Information**

<b>Unit Size</b>	5ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	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.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Purity</b>	> 98 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.
<b>Target Molecular Weight</b>	4.3 kDa

**Product Description**

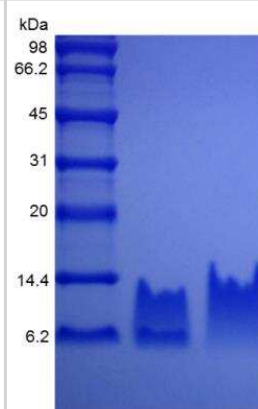
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 41 amino acids corresponding to Defensin beta 2 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> O15263</p> <p><b>Amino Acid Sequence:</b> GIGDPVTCLK SGAICHPVFC PRRYKQIGTC GLPGTKCCKK P</p>
<b>Gene ID</b>	13215
<b>Gene Symbol</b>	Defb2
<b>Species</b>	Human
<b>Details of Functionality</b>	Defensin beta 2 protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using immature human dendritic cells is in a concentration range of 10-100 ng/ml.
<b>Endotoxin Note</b>	Less than 1 EU/ug of Defensin beta 2 as determined by LAL method.

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity

**Images**

SDS-Page: Human Defensin beta 2 Protein [NBP2-34910]





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### **Products Related to NBP2-34910-5ug**

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NBP2-35144-5ug	Recombinant Mouse Defensin beta 2 Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-77363	Human Defensin beta 2 ELISA Kit (Colorimetric)
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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