

Product Datasheet

Recombinant Rat beta-Defensin 3 Protein NBP2-35237-5ug

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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NBP2-35237-5ug

Recombinant Rat beta-Defensin 3 Protein

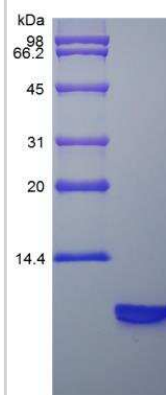
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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 PBS, pH 7.4.
Target Molecular Weight	4.5 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 41 amino acids corresponding to beta-Defensin 3 Source: <i>E. coli</i> Uniprot ID: Q32ZI4 Amino Acid Sequence: <i>KKVYNAVSCM TNGGICWLKC SGTFREIGSC GTRQLKCKK K</i>
Gene ID	55894
Gene Symbol	DEFB103B
Species	Rat
Details of Functionality	Defensin beta 3 Protein is fully biologically active when compared to standard. Measured by its antimicrobial activity against <i>E. coli</i> . The ED50 for this effect is typically 4-20 ug/ml.
Endotoxin Note	Less than 1 EU/ug of beta-Defensin 3 as determined by LAL method.

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

Images

SDS-Page: Rat beta-Defensin 3 Protein [NBP2-35237]





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Products Related to NBP2-35237-5ug

NBP2-34913-5ug	Recombinant Human beta-Defensin 3 Protein
210-TA-005	TNF-alpha [Unconjugated]
NB200-117	beta-Defensin 3 Antibody - BSA Free
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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