

DEFB103A

Recombinant Human Defensin beta 3

Catalog No.	CRB502A CRB502B CRB502C	Quantity:	5 µg 20 µg 1.0 mg
Alternate Names:	beta-Defensin-3, BD3, BD-3		
Gene ID:	55894		
Description:	Recombinant human Defensin beta 3 contains 45 amino acid residues and is an antimicrobial peptide belonging to the distinct family of beta-defensins.		
Source:	<i>E. coli</i>		
Molecular Weight:	5.1 kDa		
Formulation:	Lyophilized from a sterile filtered solution in 20 mM PB, pH 7.4 + 130 mM NaCl.		
Purity:	>98% by SDS-PAGE and HPLC		
Endotoxin Level:	<0.1 ng/µg of Defensin beta 3		
Biological Activity:	Exhibits antimicrobial activity against gram-positive bacteria <i>S. aureus</i> and gram-negative <i>P. aeruginosa</i> and <i>E. coli</i> .		
Amino Acid Sequence:	GIINTLQKYY CRVRGGRC AV LSCLPKEEQI GKCSTRGRKC CRRKK		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	Stable at 2-8°C, but best kept desiccated -20°C. Upon reconstitution, stable for up to 1 week at 2-8°C. For longer term, store in working aliquots below -20°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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