

Recombinant Human beta Defensin 3/DEFB103A Protein

RPCB1906



Product Information

Product SKU:	RPCB1906	Gene ID:	55894	Size:	100µg
Tag:	N-His	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	P81534
Purity:	>95% as determined by SDS-PAGE		

Protein Information

Background: Beta-defensin 3 is a member of the defensin family. Defensin family is comprised by microbicidal and cytotoxic peptides made by neutrophils. Members of the beta-defensin 3 family are highly similar in protein sequence. Beta-defensin 3 shows antimicrobial activity against Gram-positive bacteria *S.aureus* and *S.pyogenes*, Gram-negative bacteria *P.aeruginosa* and *E.coli* and the yeast *C.albicans*. Beta-defensin 3 is abundantly expressed in skin and tonsils, and to a lesser extent in trachea, uterus, kidney, thymus, adenoid, pharynx and tongue. It is also expressed in salivary gland, bone marrow, colon, stomach, polyp and larynx. However, in small intestine, it cannot be detected. Defensin has broad spectrum antimicrobial activity and may play an important role in innate epithelial defense. Beta-defensin 3 kills multiresistant *S.aureus* and vancomycin-resistant *E.faecium*. It has no significant hemolytic activity.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human beta Defensin 3/DEFB103A Protein, tested reactivity in *E. coli* and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: Please contact us for more information.

Formulation: Lyophilized from a 0.22 µm filtered solution of 50mM Tris, 0.3% Triton X-100, 0.3% SKL, pH 8.5.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.

Storage:

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.