

Bioactive

DEFB103A (Human) Recombinant Protein

Catalog # P3593 Size 20 ug

Specification

Product Description	Human DEFB103A (P81534, 21 a.a. - 67 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	HGGIINTLQKYCYCRVRRGGRCVLSCLPKKEEQIGKCSTRGRKCCRKK
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Activity	The ED ₅₀ was determined by the ability to chemoattract immature human dendritic cells using a concentration range of 1-50 ng/mL.
Storage Buffer	Lyophilized 100 mM NaCl, 20mM PB, pH 7.4
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — DEFB103A

Entrez GeneID	414325
Protein Accession#	P81534
Gene Name	DEFB103A
Gene Alias	BD-3; HBD3; HBP3; DEFB3; HBP-3; hBD-3; DEFB-3; DEFB103
Gene Description	defensin, beta 103A
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	beta-defensin 103A