Bioactive

Defb4 (Rat) Recombinant Protein

Catalog # P8454 Size 20 ug

Specification

Product Description	Rat Defb4 (O88514) recombinant protein expressed in *Escherichia coli*.
Sequence	QSINNPITCLTKGGVCWGPCTGGFRQIGTCGLPRVRCCKKK.
Host	Escherichia coli
Theoretical MW (kDa)	4.4
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by SDS-PAGE
Activity	Measured by the antimicrobial activity against E. coli. The ED_{50} for this effect is typically 5-50 ug/mL.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Defb4

Entrez GeneID	64389

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Protein Accession#	O88514
Gene Name	Defb4
Gene Alias	Defb2, Defb3
Gene Description	defensin beta 4
Gene Ontology	Hyperlink
Other Designations	beta defensin-2|beta-defensin 4|defensin beta 3

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