

Beta Defensin -3 Recombinant Protein | BD 3 recombinant protein

Recombinant Human Beta Defensin -3

CATALOG # AAA38218	HOST E Coli
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PRODUCT SYNONYMS

Beta Defensin -3; Recombinant Human Beta Defensin -3; BD 3 Human; Beta Defensin-3 Human Recombinant; HBD3; HBP3; DEFB3; HBD-3; HBP-3; DEFB103; BD 3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The HBD-3 was lyophilized without additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	GIINTLQKYY CRVRGGRCAY LSCLPKEEQI GKCSTRGRKC CRRKK
Sequence Length	67
Solubility	It is recommended to reconstitute the lyophilized Beta Defensin-3 in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized Beta Defensin-3 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution BD-3 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for BD 3 recombinant protein	Description: Beta Defensin-3 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 45 amino acids and having a molecular mass of 5161.2 Dalton. The BD-3 is purified by proprietary chromatographic techniques. Introduction: Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 103A, which has broad spectrum antimicrobial activity and may play an important role in innate epithelial defense.
Product Categories/Family for BD 3 recombinant protein	Cytokines and Growth Factors; Cytokines; Beta Defensin

NCBI AND UNIPROT INFORMATION

NCBI GI #	125656159
NCBI GeneID	414325
NCBI Accession #	NP_001075020.1
NCBI GenBank Nucleotide #	NM_001081551.3
UniProt Accession #	P81534; Q8NFG6; Q9NPF6
Molecular Weight	7,697 Da
NCBI Official Full Name	beta-defensin 103

NCBI Official Synonym Full Names	defensin, beta 103A
NCBI Official Symbol	DEFB103A
NCBI Official Synonym Symbols	BD-3; HBD3; HBP3; DEFB3; HBP-3; hBD-3; DEFB-3; DEFB103
NCBI Protein Information	beta-defensin 103; beta defensin 3; beta defensin-3; beta-defensin 3; defensin, beta 103; defensin, beta 3; defensin-like protein
UniProt Protein Name	Beta-defensin 103
UniProt Gene Name	DEFB103A
UniProt Synonym Gene Names	BD3; DEFB103; DEFB3; BD-3; DEFB-3; HBD3; hBD-3
UniProt Entry Name	D103A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/defb103a-recombinant-protein-e-coli/38218>