

Beta-defensin 1 (DEFB1) Recombinant Protein | DEFB1 recombinant protein

Recombinant Pig Beta-defensin 1 (DEFB1)

CATALOG # AAA115085	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Beta-defensin 1 (DEFB1); Recombinant Pig Beta-defensin 1 (DEFB1); Beta-defensin 1; BD-1; Defensin; beta 1; DEFB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	24-64aa; Full Length of Mature Protein
Sequence	NIGNSVSLR NKGVCMPGKC APKMKQIGTC GMPQVKCKR K
Sequence Length	1112340
Species	Sus scrofa (Pig)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for DEFB1 recombinant protein	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 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523178
NCBI GeneID	396819
NCBI Accession #	NP_999003.1
NCBI GenBank Nucleotide #	NM_213838.1
UniProt Accession #	O62697
Molecular Weight	7,066 Da
NCBI Official Full Name	beta-defensin 1
NCBI Official Symbol	DEFB1
NCBI Official Synonym Symbols	PBD-1
NCBI Protein Information	beta-defensin 1; BD-1; prepro-beta-defensin 1
UniProt Protein Name	Beta-defensin 1

UniProt Gene Name	DEFB1
UniProt Synonym Gene Names	BD-1
UniProt Entry Name	DEFB1_PIG

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/defb1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115085>