

Recombinant Human BD-3

CATALOG #: 4524-20 20 µg
4524-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE analyses
Endotoxin level is <0.1 ng per µg.

FORM: Sterile filtered and lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in 10 mM Acetic acid to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human BD-3 should be stored in working aliquots at -20°C.

DESCRIPTION:

Recombinant human beta-defensin-3 (BD-3) is an antimicrobial peptide, which belongs to the distinct family of beta-defensins. Recombinant human BD-3 is a 5.1 kDa protein containing 45 amino acid residues.

BIOLOGICAL ACTIVITY:

Exhibits antimicrobial activity against gram-positive bacteria *S. aureus* and gram-negative *P. aeruginosa* and *E. coli*.

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
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