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BD-3, human recombinant protein

HBD3, HBP3, DEFB3, HBD-3, HBP-3, DEFB103
Catalog # PBV10295r

Specification

BD-3, human recombinant protein - Product info

Primary Accession	P81534
Calculated MW	**5.1 kDa KDa**

BD-3, human recombinant protein - Additional Info

Gene ID	**414325**
Gene Symbol	**DEFB103A**

Other Names
Beta-defensin 3, Defensin, beta 103, Defensin-like protein, DEFB103A, BD3, DEFB103, DEFB3, DEFB103B

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Results	**Confirmed**

Target/Specificity
BD-3

Application Notes
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.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

BD-3, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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BD-3, human recombinant protein - Images

BD-3, human recombinant protein - Background

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

BD-3, human recombinant protein - References

Harder J.,et al.J. Biol. Chem. 276:5707-5713(2001).
Conejo-Garcia J.-R.,et al.Cell Tissue Res. 306:257-264(2001).
Jia H.P.,et al.Gene 263:211-218(2001).
Imai Y.,et al.Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.
Adler D.A.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.