10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BD-2, human recombinant protein

Skin-antimicrobial peptide 1, SAP1
Catalog # PBV10257r

Specification

BD-2, human recombinant protein - Product info

Primary Accession	O15263
Calculated MW	**4.3 kDa KDa**

BD-2, human recombinant protein - Additional Info

Gene ID	**1673**
Gene Symbol	**DEFB2**

Other Names
Skin-antimicrobial peptide 1, SAP1, Beta-defensin 2, Defensin, beta 2, Skin-antimicrobial peptide 1, DEFB4A, DEFB102, DEFB2, DEFB4, DEFB4B

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**10-100 ng/ml**

Target/Specificity
BD-2

Application Notes
Reconstitute in ddH_2O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers or store d at 4°C for 1 week or –20°C for future use.

Format
Lyophilized protein

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

BD-2, 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BD-2, human recombinant protein - Images

BD-2, human recombinant protein - Background

Recombinant human β-defensin-2 (BD-2) is an antimicrobial peptide which belongs to the distinct family of β-defensins. Recombinant human BD-2 is a 4.3 kDa protein containing 41 amino acid residues.

BD-2, human recombinant protein - References

Harder J.,et al.Nature 387:861-861(1997).
Liu L.,et al.Gene 222:237-244(1998).
Diamond G.,et al.Infect. Immun. 68:113-119(2000).
Harder J.,et al.Am. J. Respir. Cell Mol. Biol. 22:714-721(2000).
Kluever E.,et al.J. Pept. Res. 59:241-248(2002).