

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 ddH₂O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers or stored 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 Cytometry](#)
- [Cell Culture](#)

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).