

# Product information



## DEFB116, 24-102aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2381

**Full name:** beta-defensin 116 precursor

**NCBI Accession No.:** NP\_001032820

**Synonyms:** DEFB-16

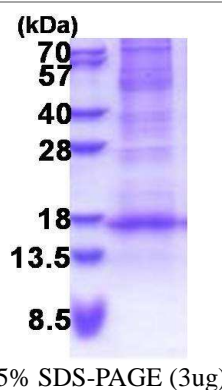
**Description:** DEFB116 belongs to the beta-defensin family. The innate immune system includes antimicrobial peptides that protect multicellular organisms from a diverse spectrum of microorganisms. Beta-Defensins comprise one important family of mammalian antimicrobial peptides. Recombinant human DEFB116 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol  
0.4M Urea

**Molecular Weight:** 11.5 kDa(102aa)

**Purity:** > 80% by SDS - PAGE

**Concentration:** 0.5 mg/ml (determined by Bradford assay)



### Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSGFLFRSHN GKSREPWNPC ELYQGMCRNA CREYEIQYLT CPNDQKCCLK LSVKITSSKN VKEDYDSNSN  
LSVTNSSSYS HI

### General references:

Romano Carratelli C. *et al.* (2009) *FEMS Immunol Med Microbiol.* 57:116-124.

Sherman H. *et al.* (2008) *Mol Immunol.* 45:3163-3167

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

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