

Recombinant human DEFB116 protein

Catalog Number: ATGP2381

PRODUCT INFORMATION

Expression system

E.coli

Domain

24-102aa

UniProt No.

Q30KQ4

NCBI Accession No.

NP_001032820

Alternative Names

beta-defensin 116 precursor, DEFB-16

PRODUCT SPECIFICATION

Molecular Weight

11.5 kDa (102aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSGLFRSHN GKSREPWNPC ELYQGMCRNA CREYEIQYLT CPNDQKCCLK LSVKITSSKN

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VKEDYDSNSN LSVTNSSSYS HI

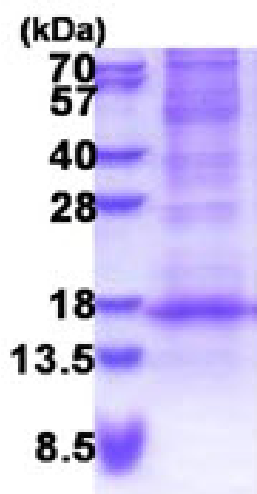
General References

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

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)