

AR51204PU-S

Human DEFB116 (24-102, His-tag) - Purified

Alternate names:

DEFB-16

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q30KQ4](#)

NCBI:

[NP_001032820](#)

GeneID:

[245930](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >80% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

Recombinant human DEFB116 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MGSGLFRSHN GKSREPWNPC ELYQGMCRNA CREYEIQYLT
CPNDQKCLK LSVKITSSKN VKEDYDSNSN LSVTNSSSYS HI

Molecular weight: 11.5 kDa (102aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Romano Carratelli C. et al. (2009) FEMS Immunol Med Microbiol. 57:116-124. Sherman H. et al. (2008) Mol Immunol. 45:3163-3167

Pictures:

