

AR51204PU-N**Human DEFB116 (24-102, His-tag) - Purified****Alternate names:**

DEFB-16

Quantity:

0.25 mg

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 MGSLFRSHN 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: