

**DEFB116, 24-102aa, Human, His tag, E.coli**

**Cat.NO.: TP01859**

3th Edition

**Synonyms:**beta-defensin 116 precursor, 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)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSLFRSHNGKSREPWNPCELYQGMCRNACREYEIQYLTCPNDQKCCLKLSV  
KITSSKNVKEDYDSNSNLSVTNSSSYSHI

**Purity:**> 95% by HPLC

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

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.