

## 32-1125: DEFB116 Recombinant Protein

**Alternative Name :** Beta-Defensin 16,DEFB-16,Beta 16,defensin,Beta-Defensin 116,Defensin,Beta 16,DEFB16.

### Description

Source : Escherichia Coli. DEFB116 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 102 amino acids (24-102 a.a) and having a molecular mass of 11.5kDa.DEFB116 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Beta Defensin 116, also known as DEFB116 is a member of the beta-defensin family.DEFB116 has antibacterial activity. The innate immune system includes antimicrobial peptides that protect multicellular organisms from a diverse spectrum of microorganisms. In addition, Beta-Defensins contain one important family of mammalian antimicrobial peptides.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	DEFB116 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSGLFRSHN GKSREPWNPC ELYQGMCRNA CREYEIQYLT CPNDQKCLK LSVKITSSKN VKEDYDSNSN LSVTNSSSYS HI.