

Beta Defensin 116 Human Recombinant

Item Number	rAP-0357
Synonyms	Beta-Defensin 16, DEFB-16, Beta 16, defensin, Beta-Defensin 116, Defensin, Beta 16, DEFB16.
Description	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.
Uniprot Accession Number	Q30KQ4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLFRSHN GKSREPWNPC ELYQGMCRNA CREYEIQYLT CPND-QKCCCLK LSVKITSSKN VKEDYDSNSN LSVTNSSSYS HI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	DEFB116 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**