

Beta Defensin 118 Human Recombinant

Item Number	rAP-0358
Synonyms	Beta Defensin 118, Beta-defensin 18, DEFB-18, Defensin, beta 118, Epididymal secretory protein 13.6, ESP13.6, DEFB118, C20orf63, DEFB18, ESC42, Beta-defensin 118 precursor.
Description	DEFB118 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (21-123 a.a) and having a molecular mass of 13.8kDa. DEFB118 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96PH6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSYSGEKKC WNRSGHCRKQ CKDGEAVKDT CKNLRACCIP SNEDHRRVPA TSPTPLSDST PGIIDDILTV RFTTDYFEVS SKKDMVEESE AGRGTETSLP NVHHSS.
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	DEFB118 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% 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**