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DEFB118, 21-123aa, Human, His tag, E.coli

产品货号: TP01860

第三版

别名: Beta-defensin 118 precursor, C20orf63; DEFB-18; ESC42, ESP13.6

描述: DEFB118 is a member of the beta subfamily of defensins. Beta-defensins are antimicrobial peptides that protect tissues and organs from infection by a variety of microorganisms. Expression of this gene is regulated by androgen, and the encoded protein binds to sperm and exhibits antibacterial activity. This protein is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. Recombinant human DEFB118 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 13.8kDa (126aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSYSGEKKCWNRSGHCRKQCKDGEAVKDTCKNLRACCIPSNE DHRRVPATSP TPLSD
STPGIIDDILTVRFTTDYFEVSSKKDMVEESEAGRGTETSLPNVHHSS

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.