

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

KRT19, 1-400aa Human, His tag, E.coli

产品货号: TP02767

第三版

别名:Keratin, type I cytoskeletal 19, CK19, K19, K1CS

**描述:**KRT19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. Recombinant human KRT19 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**分子量:**46.5 kDa (423aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMTSYSYRQSSATSSFGGLGGGSRVFRGPGVAFRAPSIIHGGSGGRGVSVSARFVSSSSS  
GAYGGGYGGVLTASDGLLAGNEKLTMQNLNDRLASYLDKVRALAAANGELEVKIRDWYQKQGPSPRDYSHYYTTIQD  
LRDKILGATIENSRIVLQIDNARLAADDFRTKFETEQLRMSVEADINGLRRVLDELTLARTDLEMQIEGLKEELAYLKKNH  
EEEISTLRGQVGGQVSVEVDSAPGTDLAKILSDMRSQYEVMAEQNRKDAEAWFTSRTEELNREVAGHTEQLQMSRSEVT  
DLRRTLQGLEIELQSLSMKAALDTLAETEARFGAQLAHIQALISGIEAQLGDVRADSERQNQEYQRLMDIKSRLEQEIAT  
YRSLLEGQEDHYNNLSASKVL

**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.