

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。

KRT5, 1-590aa, Human, His tag, E.coli

产品货号: TP02769

第三版

别名:Keratin 5, CK5, DDD, K5, KRT5A

**描述:**KRT5 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. Recombinant human KRT5 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 10% glycerol, 0.4M Urea

**分子量:**64.8 kDa (613 aa)

**序列:**

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MGSSHHHHHSSGLVPRGSHMGSMRSQSSVSFRSGGSRSFSTASAITPSVSRTSFTSVSRSGGGGGGGFGRVSLAGACGVG  
GYGSRSLYNLGGSKRISISTSGGSFRNRFAGAGGGYGFGGGAGSGFGFGGGAGGGFGLGGGAGFGGGFGGPGFPVCP  
GIQEVTVNQSLLTPLNLQIDPSIQRVRTEEREQIKTLNKNKFAFIDKVRFLQQNKVLDTKWTLQEQGKTQVRQNLPLFE  
QYINNLRRLDLSIVGERGRLDSELRNMQDLVEDFKNKYEDEINKRTTAENEFVMLKKDVDAAYMNKVELEAKVDALMD  
EINFMKMFDAELSQMQTHVSDTSVVLSDMNNRNLDLDSIIAEVKAQYEEIANRSRTEAESWYQTKYEELQQTAGRHD  
DLRNTKHEISEMNRMIQRLRAEIDNVKKQCANLQNAIADAEQRGELALKDARNKLAEEALQKAKQDMARLLREYQEL  
MNTKLALDVEIATYRKLEEGEERLSGEGVGPVNISVVTSSVSSGYGSGGYGGGLGGGLGGGLAGGGSGSYSSSS  
GGVGLSGGLSVGGSGFSASSGRGLGVGFGSGGGSSSVKVFVSTTSSSRKSFKS
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**纯度:**> 95% by HPLC

**浓度:**1 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.