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KRT16, 1-473aa Human, His tag, E.coli

产品货号: TP02765

第三版

别名:Keratin, type I cytoskeletal 16, CK16, FNEPPK, K16, K1CP, KRT16A, NEPPK

描述:KRT16 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus. Recombinant human KRT16 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:53.7 kDa (496aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMTTCSRQFTSSSSMKGSCGIGGGIGGGSSRISVLAGGSCRAPSTYGGGLSVSSRFSSG
GACGLGGGYGGGFSSSSFGSGFGGGYGGGLGAGFGGGLGAGFGGGFAGGDGLLVGSEKVTMQNLNDRLASYLDKVRA
LEEANADLEVKIRDWYQRQRPSEIKDYSPYFKTIEDLRNKIIAATIENAQPILQIDNARLAADDFRTKYEHELALRQTVEAD
VNGLRRLVDELTLARTDLEMQIEGLKEELAYLRKNHEEMLALRGQTGGDVNVEMDAAPGVDLRILNEMRDQYEQMA
EKNRRDAETWFLSKTEELNKEVASNSELVQSSRSEVTELRRVLQGLEIELQSQLSMKASLENSLEETKGRYCMQLSQQIQLIG
SVEEQLAQLRCEMEQQSQEYQILLDVKTRLEQEIATYRRLLEGEDAHLSSQQASGQSYSSREVFTSSSSSSRQTRPILKEQSSS
SFSQQQSS

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.