

KRT17, 1-432aa Human, His tag, E.coli

Cat.NO.: TP02766

3th Edition

Synonyms:Keratin, type I cytoskeletal 17, K17, PC, PC2, PCHC1

Description:KRT17, as known as keratin17, is a type I cytokeratin. It is found in nail beds, hair follicles, sebaceous glands, and other epidermal appendages. Mutations in KRT17 lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex. Recombinant human KRT17 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:50.5 kDa(455aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSM TTSIRQFTSSSSIKGSSGLGGGSSRTSCRLSGGLGAGSCRLGSAGGLGST
LGGSSYSSCYSGSGGGYGS SFGGVDGLLAGGEKATMQNLNDR LASYLDKVRAL EEA NTELEV KIRDWYQRQAP
GPARDYSQYYRTIEELQNKILTATVDNANILLQIDNARLAADDFRTKFETE QALRLSVEADINGLRRVLD ETLARADL
EMQIENLKEELAYLKKNHEEEMNALRGQVGGEIN VEMDAAPGV DLSRILNEMRDQYEKMAEKNR KDAEDWFFSKT
EELNRE VATNSELVQSGKSEISELRRTMQALEIELQS QLSMKASLEGNLAETENRYCVQLS QIQGLIGSV EEQLAQL
RCEMEQQNQEYKILLDVKTRLEQEIATYRRLLEGEDAHLTQYKKEPVTTRQVRTIVEEVQDGKVISSREQVHQ TTR

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.