

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。

KRT8, 1-483aa, Human His tag, E.coli

产品货号: TP02770

第三版

别名:Keratin, type II cytoskeletal 8, keratin 8, CARD2, CK-8, CK8, CYK8, K2C8, K8, KO

描述:KRT8 is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. KRT8 typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Recombinant human KRT8 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:56 kDa (506aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMIRVTQKSYKVSTSGPRAFSSRSYTSGPSRISSSFSRVGSSNFRGGLGGGYGGASG
MGGITAVTVNQSLLSPLVLEVDPNIAVRTQEKEQIKTLNKNFASFIDKVRFLQNNKMLETKWSLLQQQKTARSNMDN
MFESYINNLRRQLETLGQEKLKLEAELGNMQGLVEDFKNKYEDEINKRTEMENEFVLIKKDVDEAYMNKVELESRLEGLT
DEINFLRQLYEEEIRELQSQISDTSVVLSDNSRSLDMSIIAEVKAQYEDIANRSRAEAESMYQIKYEELQSLAGKHGDDL
RTKTEISEMNRNISRLQAEIEGLKGRASLEAAIADAEQRGELAIKDANAKLSELEAALQRAKQDMARQLREYQELMNVKL
ALDIEIATYRKLEGEESRLESGMQNMSIHTKTTSGYAGGLSSAYGGLTSPGLSYSLGSSFGSGAGSSSFRTSSRAVVVKKIET
RDGKLVSESSDVLPK

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.