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QKI, 1-341aa, Human, His tag, E.coli

产品货号: TP03614

第三版

别名: Protein quaking isoform HQK-5, Hqk, hqk1, QK, QK1, QK3

描述: Protein quaking isoform HQK-5, also known as QKI, is an RNA-binding protein that regulates pre-mRNA splicing, export of mRNAs from the nucleus, protein translation, and mRNA stability. It is involved in myelination and oligodendrocyte differentiation, and it may play a role in schizophrenia. Defects or deletions in the QKI are associated with astrocytic tumors and may be involved in the pathogenesis of schizophrenia. Recombinant human QKI protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

分子量: 40.1 kDa (364aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMVGEMETKEKPKPTPDYLMQLMNDKKLMSSLPNFCGIFNHLERLLDEEISRVRKD  
MYNDTLNGSTEKRSAELPDAVGPIVQLQEKLVPVKEYPDFNFVGRILGPRGLTAKQLEAETGCKIMVRGKGS MRD K K K E  
EQNRGKPNWEHLNEDLHVLITVEDAQNR AEI K L K R A V E E V K K L L V P A A E G E D S L K K M Q L M E L A I L N G T Y R D A N I K S P A L A  
F S L A A T A Q A A P R I I T G P A P V L P P A A L R T P T A G P T I M P L I R Q I Q T A V M P N G T P H P T A A I V P P G P E A G L I Y T P Y E Y P Y T L A P A T S I  
L E Y P I E P S G V L G A V A T K V R R H D M R V H P Y Q R I V T A D R A A T G N

纯度: > 95% by HPLC

浓度: 0.25mg/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.