9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

QKI Human

QKI Human Recombinant
RCP1745

Product Overview

Name	QKI Human
Description	
QKI Human Recombinant	
Accession (Primary)	Q96PU8
Synonyms	
Hqk, hqkI, QK, QK1, QK3, Protein quaking, Quaking Homolog, KH Domain RNA Binding, RNA Binding Protein HQK, HKQ, KH Domain Containing, RNA Binding.	
Introduction	
KH Domain RNA Binding also known as QKI is a RNA-binding protein which regulates pre - mRNA splicing, export of mRNAs from the nucleus, protein translation, and mRNA stability. QKI is involved in myelinization and oligodendrocyte differentiation, and it may play a role in schizophrenia. Defects or deletions in the QKI are linked with astrocytic tumors and may be implicated in the pathogenesis of schizophrenia . Among the diseases associated with QKI are 6q terminal deletion syndrome, and schizophrenia.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
QKI protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MVGEMET KEKPKPTPDY LMQLMNDKKL MSSLPNFCGI FNHLERLLDE EISRVRKDMY NDTLNGSTEK RSAELPDAVG PIVQLQEKLY VPVKEYPDFN FVGRILGPRG LTAKQLEAET GCKIMVRGKG SMRDKKKEEQ NRGKPNWEHL NEDLHVLITV EDAQNRAEIK LKRAVEEVKK LLVPAAEGED	

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SLKKMQLMEL AILNGTYRDA NIKSPALAFS LAATAQAAPR IITGPAPVLP PAALRTPTPA GPTIMPLIRQ IQTAVMPNGT PHPTAAIVPP GPEAGLIYTP YEYPYTLAPA TSILEYPIEP SGVLGAVATK VRRHDMRVHP YQRIVTADRA ATGN.

Precautions

QKI Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96PU8)