

QKI Human Recombinant

Item Number	rAP-4468
Synonyms	Hqk, hqkl, QK, QK1, QK3, Protein quaking, Quaking Homolog, KH Domain RNA Binding, RNA Binding Protein HQK, HKQ, KH Domain Containing, RNA Binding.
Description	QKI Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 364 amino acids (1-341 a.a) and having a molecular mass of 40.1kDa.QKI is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96PU8
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMVGEMET KEKPKPTPDY LMQLMNDKKL MSSLPNFCGI FNH- LERLLDE EISVRKDMY NDTLNGSTEK RSAELPDAVG PIVQLQEKLY VPVKEYPDFN FVGRILGPRG LTAKQLEAET GCKIMVRGKG SMRDKKKEEQ NRGKPNWEHL NEDLHVLITV EDAQNRAEIK LKRAVEEVKK LLVPAEAGED SLKKMQLMEL AILNGTYRDA NIKSPALAFS LAATAQAAPR IITGPAPVLP PAALRTPTPA GPTIMPLIRQ IQTAVMPNGT PHPTAAIVPP GPEAGLIYTP YEYPYTLAPA TSILEYPIEP SGVLGAVATK VRRHDMRVHP YQRIVTADRA ATGN.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	QKI protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**