

Recombinant Human QKI Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. QKI-5587H **Lot. No.** (See product label)

SPECIFICATION

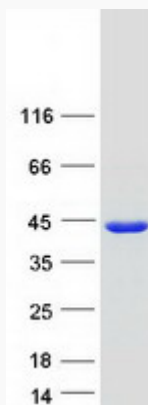
Product Overview	QKI MS Standard C13 and N15-labeled recombinant protein (NP_996736) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an RNA-binding protein that regulates pre-mRNA splicing, export of mRNAs from the nucleus, protein translation, and mRNA stability. The encoded protein is involved in myelination and oligodendrocyte differentiation and may play a role in schizophrenia. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	35.8 kDa
AA Sequence	MVGEMETKEKPKPTPDYLMQLMNDKKLMSSLPNFCGIFNHLERLLDEEISVRKDM YNDTLNGSTEKRSAELPDAVGPIVQLQEKL YVPVKEYPDFNFVGRILGPRGLTAKQL EAETGCKIMVRGKGSMRDKKKEEQNRGKPNWEHLNEDLHVLITVEDAQNRAEIKLK RAVEEVKKLLVPAAEGEDSLKKMQLMELAILNGTYRDANIKSPALAFSLAATAQAAPR IITGPAPVLPPAALRTPTPAGPTIMPLIRIQITAVMPNGTPHPTAAIVPPGPEAGLIYTP YEYPYTLAPATSILEYPIEPSGVLEWIEMPVMPDISAHTTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	QKI QKI, KH domain containing RNA binding [Homo sapiens (human)]
Official Symbol	QKI
Synonyms	QKI; QKI, KH domain containing, RNA binding; quaking homolog, KH domain RNA binding (mouse); protein quaking; QK3; RNA binding protein HQK; quaking homolog, KH domain RNA binding; homolog of mouse quaking QKI (KH domain RNA binding protein); QK; Hqk; QK1; hqkl; DKFZp586I0923;
Gene ID	9444
mRNA Refseq	NM_206854
Protein Refseq	NP_996736
MIM	609590
UniProt ID	Q96PU8

SDS-PAGE

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