

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

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

## SPECIFICATION

<b>Product Overview</b>	QKI MS Standard C13 and N15-labeled recombinant protein (NP_996736) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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.</p> <p>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.</p>
<b>Molecular Mass</b>	35.8 kDa
<b>AA Sequence</b>	<p>MVGEMETKEKPKPTPDYLMQLMNDKMLMSSLPNFCGIFNHLERLLDDEISRVRKDM  YNDTLNGSTEKRSAELPDAVGPIVQLQEKLVPVKEYPDFNFVGRILGPRGLTAKQL  EAETGCKIMVRGKGSMDKKKEEQNRGKPNWEHLNEDLHVLITVEDAQNRAEIKLK  RAVEEVKLLVPAAEGEDSLKKMQLMELAILNGTYRDANIKSPALAFSLAATAQAAPR  IITGPAPVLPPAALRTPTPAGPTIMPLIRQIQTAVMPNGTPHPTAAIVPPGPEAGLIYTP  YEYPYTLAPATSILEYPIEPSGVLEWIEMPVMPDISAHRTRRPLEQKLISEEDLAANDIL  DYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

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SDS-PAGE



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