

## Product datasheet for TP305779

### QK1 (QKI) (NM\_006775) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human quaking homolog, KH domain RNA binding (mouse) (QKI), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205779 representing NM_006775 Red=Cloning site Green=Tags(s)

MVGEMETKEKPKPTPDYLMQLMNDKKLMSSLPNFCGIFNHLERLLDEEISVRKDMYNDTLNGSTEKRSA  
ELPDAVGPVQLQEKLIVPVKEYPDFNFVGRILGPRGLTAKQLEAETGCKIMVRGKGSMDKKKEEQNRG  
KPNWEHLNEDLHVLITVEDAQNRAEIKLRAVEEVKLLVPAEGEDSLKMQLMELAILNGTYRDANIK  
SPALAFSLAATAQAAPRIITGPAPVLPAAALRTPPTAGPTIMPLIRQIQTAVMPNGTPHPTAAIVPPGPE  
AGLIYTPYEYPYTLAPATSILEYPIEPSGVLGAVATKVRRHDMRVHPYQRIVTADRAATGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

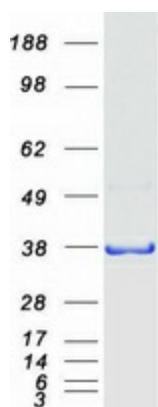
Tag:	C-Myc/DDK
Predicted MW:	37.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_006766</a>
Locus ID:	9444



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UniProt ID:	<a href="#">Q96PU8</a> , <a href="#">Q8WY44</a>
RefSeq Size:	4731
Cytogenetics:	6q26
RefSeq ORF:	1023
Synonyms:	Hqk; hqkl; QK; QK1; QK3
Summary:	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. [provided by RefSeq, Jul 2014]

### Product images:



Coomassie blue staining of purified QKI protein (Cat# TP305779). The protein was produced from HEK293T cells transfected with QKI cDNA clone (Cat# [RC205779]) using MegaTran 2.0 (Cat# [TT210002]).