

Product datasheet for **SC308286**

QK1 (QKI) (NM_206854) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	QK1 (QKI) (NM_206854) Human Untagged Clone
Tag:	Tag Free
Symbol:	QK1
Synonyms:	Hqk; hqkl; QK; QK1; QK3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_206854 edited ATGGTCGGGAAATGAAAACGAAGGAGAAGCCGAAGCCCACCCAGATTACCTGATGCAG CTGATGAACGACAAGAAGCTCATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCAC CTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGAAAGACATGTACAATGACACA TTAAATGGCAGTACAGAGAAAAGGAGTGCAGAATTGCCTGATGCTGTGGGACCTATTGTT CAGTTACAAGAGAAACTTTATGTGCCTGTAAAAGAATACCCAGATTTTAAATTTTGTGGG AGAATCCTTGGACCTAGAGGACTTACAGCCAAACAACCTGAAGCAGAAACCGGATGTAAA ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAAAAGGAGGAGCAAAATAGAGGC AAGCCCAATTGGGAGCATCTAAATGAAGATTTACATGTACTAATCACTGTGGAAGATGCT CAGAACAGAGCAGAAATCAAATGAAGAGAGCAGTTGAAGAAGTGAAGAAATTATTGGTA CCTGCAGCAGAAGGAGAAGACAGCCTGAAGAAGATGCAGCTGATGGAGCTTGCGATTCTG AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCCTTGCCTTTTCTCTTGACGCA ACAGCCCAGGCTGCTCCAAGGATCATTACTGGGCTGCGCCGGTTCTCCCACCAGCTGCC CTGCGTACTCCTACGCCAGCTGGCCCTACCATAATGCCTTTGATCAGACAAATACAGACC GCTGTCAATGCCAAACGGAACCTCACCCTCACTGCAATAGTTCCTCCAGGGCCCGAA GCTGGTTAATCTATACCCCTATGAGTACCCCTACACATTGGCACCAGCTACATCAATC CTTGAGTATCCTATTGAACCTAGTGGTGTATTAGAGTGGATTGAAATGCCAGTCATGCCT GATATTTACGCCATTGA
Restriction Sites:	Please inquire
ACCN:	NM_206854
Insert Size:	1000 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_206854.1.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_206854.1</u> , <u>NP_996736.1</u>
RefSeq Size:	6972 bp
RefSeq ORF:	978 bp
Locus ID:	9444
UniProt ID:	<u>Q96PU8</u>
Cytogenetics:	6q26
Gene Summary:	<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. 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]</p> <p>Transcript Variant: This variant (3) differs in the 3' UTR and coding region compared to variant 1, which results in a frameshift. The resulting isoform (3; also known as HQK-7 and QKI-7) is shorter and has a distinct C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>