

## Product datasheet for **SC214317**

### UCK (UCK1) (NM\_001135954) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	UCK (UCK1) (NM_001135954) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UCK1
Synonyms:	URK1
ACCN:	NM_001135954
Insert Size:	1402 bp



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**Insert Sequence:** >SC214317 3'UTR clone of NM\_001135954  
 The sequence shown below is from the reference sequence of NM\_001135954. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCAGCACATCCAGGACATTCTGAATGGTGACATCTGCAAATGGCACCCGAGGAGGGTCCAATGGGCGGAG
CTACAAGCGGACCTTTTCTGAGCCAGGGGACCACCCTGGGATGCTGACCTCTGGCAAACGGTCACATTT
GGAGTCCAGCAGCAGACCCCACTGAGGGGCTGCCGAGCCTCAGGGCAGGTCTCCCGCCCGCATGTGTG
TTCAGGGACTGAGCCTGGGGACGCCACCACACCCTGCTTCTCTCGGCGCACCCAGGGGAGTGT
TAGCAGCGAGGCCTTCTCACTCAGGAGTGAAACTCAGATGTGTCACTCAGACTCAACTGCTGGGAC
ACTGACAGGCGTTCCTGAGGTTTTAGCCACTTAGGCTCGTTGCGGTTTAAAGATCCCTCTAGGTCCT
GAGAAATGCCACAGAATGTGCAGGAAGCCTGGGAGGCTTCTGTGAGGAATGTGAGGCACATTATTGGGG
AAATTGAGGAGACAGCCTAGACTGGCTGGCCTGATGTTTTGTTGACAGTGAACCCACAGTGGGAGAG
AGTTTTTCCAGTCTGATCTGGTCTTACACACTCACACATAACTCAAAGTTTTGTGAACAAGTAC
TTTCTTTTTTACATGTTACATGTCCTCATGTTTTCTGTTTTCTGTTTTCATAACAACCAAGGCTGGTTGTG
GCCTACAAACCTAATTTTCATGACCCAGTGGTTTGCAGTCCAGCGTGGCCTACACGGATATGGGGAGCCA
CTGAGGGATGTTTTCCCCCTTGCTTGTGCCTTAAAGGCAGAGAAGCGAGGCGGATGCCCTGGAAGCAC
CCAGCATCACACCAGGCTTGTGCGGGGCCAGGCTGGGAGCCCATGCAGTAGGGCAGAAGGCAGCGGAG
GCCAGGTCTGTCCCGCTGGAGAACAGCGTCCACGCAGTCTGCCTGGGGTCAGGCCCTCACTGACCCT
CAGGGGAGCCCCAAGGTGCTGTCTGTCTAGACAGGCTGTCCCACCCAGGGTGGCTAGTGGCCATATG
CAGGGAATGGTGCTTCTGGCTGTGGCAGCAGTGGATCACCCAGTCCCAGCAGACATGGCCGCCAAA
GTCAGCAAGCCTCCTTTGTGCTATGTGGAGCTCACAGCCTCACATGTGAACACCCGTGTCTGGGTTGCC
TGGGGTGATCCTCCCTCCTGCGTGGTGGTGTCTCTGAAAGCATCCCTTGCCGCTGCCATGGGAGCC
CCAGCCCCCGTCCGTCAGGCTCACCCACAGTAGTGTGACAGACGTGACGTGGGGAAAGGGGCTGAGC
CCTGTGGCTGGGTTCTGACAAGTAAACGGTTTTGTGCGAGCTTAGGCCCTTTGGAGGGAGAATCAATA
AATAACAACACCAACTACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001135954.3](#)

**Summary:** This gene encodes a uridine-cytidine kinase that catalyzes the phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP) but not the phosphorylation of deoxyribonucleosides or purine ribonucleosides. This enzyme can also phosphorylate uridine and cytidine analogs and uses both ATP and GTP as a phosphate donor. Alternative splicing results in multiple splice variants encoding distinct isoforms. [provided by RefSeq, May 2012]

**Locus ID:** 83549

MW: 51.8