

Product datasheet for **MR208721**

Uckl1 (NM_026765) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uckl1 (NM_026765) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uckl1
Synonyms:	1110007H10Rik; Urkl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208721 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCTGCGCCGCCGCTCAATGAGCGCCGCCCTTCGCCCCTGCAGTCTGCTGTGCCCCAGACGTGC
 CTGGCCGCCAGGCCGAGCAGAATGAAACGGCGTGCGAGGACCGCAGCAATGCAGGACCTTGGACAGACT
 TCTCCCACCAAGTGGTACTGGGCGCTCACCCCGGAAGCGCACCCAGCCAGTGAAGTCAAGAACCC
 CTGCTTCGCACAAGCAAACGTACCATCTACACAGCTGGGCGGCCACCATGGTACAATGAACATGGTACAC
 AGTCCAAGGAGGCCTTTGCTATTGGCTTAGGAGGTGGCAGTGCATCTGGGAAGACCAGTGTGCCAGAAT
 GATCATTGAGGCACTAGATGTGCCCTGGTGGTCTGTGTCCATGGACTCCTTCTATAAGTTCTGACG
 CAGCAGCAGCAGGAACAGGCTGCCTGTAACAATTTCAACTTTGACCACCCTGATGCCTTTGACTTCGATC
 TCATCATTTCCACCTTAAGAAGCTAAAACAGGGCAGGAGTGTCCAAGTGCCTATCTATGATTTCACTAC
 CCATAGCCGAAAAAGGACTGGAAAACCTGTATGGTGGCAATGTCATCATCTTTGAGGGTATCATGGCC
 TTTGCTGATAAGACACTGCTGGAGCTCCTGGACATGAAGATCTTTGTGGACACGGACTCTGATATCCGAC
 TGGTTCGGCGTCTGCGCAGGGACATCAGCGAACGAGGCCGGGACATTGAGGGTGTCAATTAAGCAGTACAA
 CAAGTTTGTCAAACCTGCATTTGATCAGTATATCCAGCCTACCATGCGGCTGGCAGATATTGTGGTGCC
 AGAGGGAGCGGGAACACAGTAGCCATTGACCTGATTGTGCAGCATGTTACAGCCAGCTGGAAGAGCGCG
 AACTCAGCGTCAGGGCCGCGTTGGCCTCCGCTCACCAGTGCCATCCCCTCCCCAGACACTGAGTGTCT
 CAAGAGTACACCGCAGTCCGAGGCATGCACACCATCATCAGGGACAAGGAGACTAGCCGGGATGAATTC
 ATCTTCTACTCCAAAAGACTGATGCGGCTGCTTATTGAACATGCAGTGTCTTCTACCTTTCCAGGACT
 GCAGTGTACAGACTCCACAGGGCAGGACTACGTGGAAAGTGCTACGCTGGAAAACAGATCACCGCGT
 GTCAATTTCTGCGTGCAGGAGAAACCATGGAGCCTGCACTGCGTGCCTGTGCAAGGATGTGCGCATCGGC
 ACTATCTCATCCAGACCAACCAGCTCAGAGGGAGCCTGAGCTCCATTACCTGAGGCTTCCCAAGGATA
 TCAGTGTGACCATGTGATCCTGATGGACTGCACAGTATCCACAGGTGCTGCGGCCATGATGGCTGTACG
 TGTACTCTGGACCATGATGTGCTGAGGACAAGATCTTTTTGCTGTCCCTGCTCATGGCAGAGATGGGT
 GTGCATTCTGTGGCTACGCTTTCCACGCGTGAGAATCATCACCACAGCTGTGGACAAGCGTGTCAATG
 ACCTTTCCGATCATCCAGGCATTGGGAACTTGGTGTGCTACTTTGGACAGATGCAGTCCCTGA
 TGGCAGTGTGATGATGAGGCAGCCACTGTGGT

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>MR208721 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPPASMSAAPSPLQSAVAPDVPGRQAEQNETACEDRSNAGTLDRLLPPVGTGRSPRKRTTSQCKSEPP
 LLRTSKRTIYTAGRPPWYNEHGTQSKEAFAIGLGGGSASGKTTVARMIEALDVPWVLLSMDSFYKVL
 QQQQEQAACNFDHPDAFDLIIISTLKKLQGRSVQVPIYDFTTHSRKKDWKLYGANVIFEGIMA
 FADKTLLELLDMKIFVDTDSIRLVRRLRRDISERGRDIEGVIKQYNKFKPAFDQYIQPTMRLADIVVP
 RSGSNTVAIDLIVQHVHSQLERELSVRAALASAHQCHPLPQTLVSKSTPQVRGMHTIIRDKETSRDEF
 IFYSKRLMRLLEHALSFLPFQDCTVQTPQGQDYVVKCYAGKQITGVSVILRAGETMEPALRAVCKDVRIG
 TILIQTNQLTGEPELHYLRLPKDISDDHVLMDCTVSTGAAAMMAVRVLLDHDVPEDKIFLLSLLMAEMG
 VHSVAYAFPRVRIITTAVDKRVNDLFRIIPGINFGDRYFGTDAVPDGSDDDEAATVG

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_026765

ORF Size: 1647 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_026765.3](#), [NP_081041.2](#)

RefSeq Size: 1811 bp

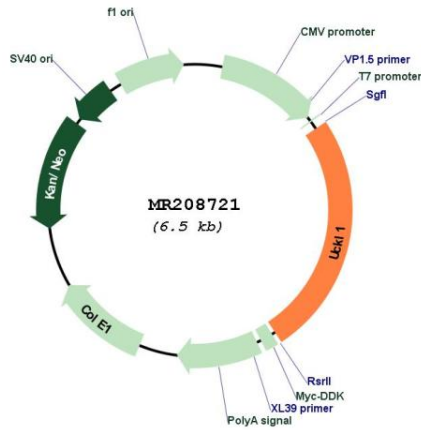
RefSeq ORF: 1647 bp

Locus ID: 68556

UniProt ID: [Q91YL3](#)

Cytogenetics: 2 H4
MW: 60.8 kDa
Gene Summary: May contribute to UTP accumulation needed for blast transformation and proliferation.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208721