

Product datasheet for **RN217431**

Ulk2 (NM_001191645) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ulk2 (NM_001191645) Rat Untagged Clone
Tag: Tag Free
Symbol: Ulk2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217431 representing NM_001191645
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTGGTGGGCGACTTCGAGTACAGCAAGCGGGACCTCGTGGGACACGGGGCCTTCGCTGTGGTCT
TCCGGGGCGGCACCCAGAAAATGATTGGGAGTGGCTATTAAGTATTAATAAAAAAGAACTTGTC
AAAGTCACAAATTCGCTTGGAAAGGAAATAAAAATCTTAAAGGAACCTCAGCATGAAAATATCGTAGCA
CTCTATGATGTTTCAGGAATTACCAACTCTGTCTTCTGGTGATGGAGTATTGCAATGGTGGAGATCTGG
CAGATTATTTGCAAGCTAAAGGAACTCTGAGTGAAGATACTATCAGAGTGTTCATCAGATTGCAGC
AGCCATGCGAATCCTGCACAGCAAAGGATAATCCACAGGGATCTCAAACACAGAACATCTTGTGTCT
TACGCCAGTCGAAGGAAGTCGAATGTCAGTGGTATTTCGCATCAAATAGCTGACTTTGGTTTTGCCCGTT
ACCTACATAGTAACACAATGGCAGCGACACTGTGTGGATCCCAATGTACATGGCTCCTGAGGTTATCAT
GTCTCAACATTATGATGCTAAGGCAGATTTATGGAGCATAGGAACGGTGATCTATCAATGCCTAGTTGGA
AAACCACCTTTTCAGGCTAACAGTCTCAAGACCTAAGGATGTTTTATGAAAAAACAGGAGCTTAATGC
CTAGTATTCAGAGAAACATCACCTTATTTGGCTAATCTCCTTTGGGCTTGCTCAAAGAAATCAGAA
GGACAGAAATGGACTTTGAAGCGTTTTTCAGTCATCCTTTCTTGAGCAAGTCCAGTTAGAAAATCTTGC
CCAGTCCCAGTGCCTGTGTACTCCGGCCCTGGCCCTGGAAGCTCCTGCAGCAGCTCGCCACCTTGTCTGCT
TTGCTTCTCCACCATCCCTTCCAGATATGCAGCATATTAGGAAGAAAATATCCTCCCCACCATTTGGG
TCCTCCCAACTATCTACAGGTGTCCAAAGATTCTGCCAGTAATAGTAGCAAGAACTTCTTGTGTGACAGC
GATGACTTTGTTTTGGTTCCACACAACATCTCGTCAGACCACTCATATGATATGCCAATGGGACTGCTG
GCAGACGGGCTCAAATGAGTTCCTTGTGTGGAGGGCAGTGTCAACCTACTGTGCACCTCACAGCGA
AACAGCCCCAATTCAGTTCCTACTCAAGTAAGGAATTATCAGCGCATAGAACAGAATCTTATATCCACT
GCCAGCTCTGGTACAAATCCACATAGTTCTCAAGATCTGCAGTGGTACGAAGGTCTAATACCAGCCCCA
TGGGCTTCTCCGGGTTGGGTCTGCTCCCTGTACCAGCAGACAGTGCAGACGGGAGGACGAAGACT
CTCGACCGGCTCTTCCAGGCCTTACTCACCATCCCTTTGGTTGGTACTATTCTGAACAGTTTGTAGTCA
TGCTGCTGTGGACATCCTCAGGGCCATGAAGCCAGGAGTAGACACTCCTCAGGTTCTCCAGTGCCACAGA
CCCAGTACCACAGTCACTCTTACTGGGTGCTAGACTGCAGAGTGCACCCACCCTCACCGATATCTATCA
GAACAAGCAGAAGCTCAGAAAGCAGCACTCTGACCCTGTGTGCCATCCCTTGCCGGGGCTGGATATAGT



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TACTCACCTCAGCCGAGTCGGCCTGGCAGCCTTGAACCTCTCCCACCAAGCATATGGGGTCCTCTCCAC
 GGATTCTGACTGGTTCTTTAAACTCCTTTACCAACAATCATTGGCTCTCCTACTAAGACTACAGCTCC
 TTTCAAATCCCTAAAACACAAGCATCTTCAACCTGTTAGCCTTGGTTACTCGTCATGGACCTGCTGAA
 AGCCAGTCAAAGATGGAATGACCCTCGTCAGTGTTCACATTGCCTCTTAGTACAAGGAAGTGAGAGGC
 ATCGATCTGAGCAGCAGAGCAAGGCGGTATTTGGCAGATCTGTCAGTACCGGGAAGTTGTCAGAACACA
 GCACGTAAGGCCACCTTTAGGTGGACACCAGGGCAGCACAGATAGTTTAAACACAGAACGACCAATGGAT
 GTAGCTCCAGCAGGAGCCTGTGGTGTGTGGCATTGCCAGCAGGAACAGCAGCAAGCCGAGAGCTG
 TCCTCTTACCGTGGGGTCTCCTCCACACAGTGCCACAGCCCCTACTTGTACTCACATGGTCTTGAAC
 AAGAACCACCTCAGTGGGGTCCAACAGCTCAGGAGGCTCCTTGTGTTCTGCGAGTGGCCGAGTGTGTGTG
 GGCTCCCCTCTGCGCCAGGGTTCGGCTCCTCCCACCAGGAGCAGAGGCAGCTCCAGCCTAAGATACG
 TGCCTTACGGTGTTCACCACCCAGCCTAGAGGGTCTCATCACCTTTGAAGCCCCGAACTACCAGAGGA
 GACTGATGGAGCGAGAACACACAGACACCTTACGTCATCTGAACATGATGCTGATGTTTACTGAGTGT
 GTGCTGGACCTGACAGCAGTGGGGTGGGAACCCTGAGCTGTGCACATCTGCTGTGTCCCTGTATCAGA
 TTCAGGAGAGTGTAGTTGTGGACCAGATAAGCCAGCTAAGCAAAGATTGGGGCGGGTAGAGCAGCTGGT
 GTTGTACATGAAGCGGCACAGCTGCTGGCGGCTCCCTGCATCTCGCCAAAGCTCAGATCAAGTCCGGG
 AAGCTGAGCCATCCACGGCTGTGAAACAAGTTGTTAAAAATCTGAATGAAAGATATAAATTCTGCATCA
 CCATGTGCAAGAACTTACAGAAAAGCTGAATCGCTTCTTCTCTGATAAACAGAGATTTATTGATGAAAT
 CAACAGTGTGACTGCAGAGAACTCATCTATAATTGTGCTGTGGAAATGGTTCACTGTCAGCCCTGGAT
 GAGATGTTCCAGCAGACTGAAGACATCGTTCAGCGATACCACAAGGCAGCCCTTCTTTGGAAGGCTTAA
 GTAAGATCCTGCAGGACCCTGCAGATGCTGAGAGTGTGCATAAGTATAAATGTAGTATTGAAAGAAGATT
 GTCAGCGCTCTGCTGTAGCACTGCAGCTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191645
- Insert Size:** 3114 bp
- 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191645.1](#), [NP_001178574.1](#)
- RefSeq Size:** 6362 bp

RefSeq ORF: 3114 bp

Locus ID: 303206

Cytogenetics: 10q22