

## Product datasheet for **RN212733**

### Utp4 (NM\_001009640) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Utp4 (NM_001009640) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Utp4
Synonyms:	Cirh1a; Cirhin; Naic; Teg-292; Tex292
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212733 representing NM\_001009640  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTGAATTTAAAGTCCATCGAGTTCGTTTCTTTAATTACGTTCCATCAGGCATCCGATGTGTGGCTT  
 ACAATAACCAGTCAAACAGATTGGCTGTTTCACGAACAGATGGCACGGTGGAAATTTATAATTTGTCTGC  
 AAATAATTTTCAGGAGAAATTTTCCAGGTGTCAGTCTCGGGTACCGAAGCCCTGTGTGGGCAGAA  
 GGACAGCGGCTCTTAGTGCCGGACTGAATGGAGAAATCTTGAGTATGACCTACAGGCACTAAACATCA  
 AGTACACTTTGGATGCCTTTGGAGGACCGATTTGGAGTATGACCGCCAGCCCACTGGCTCTCAACTTTT  
 GGTTGGCTGTGAAGATGGCTCCGTGAAATTTTGAAGTACCCAGACAAAATCCAATTTGCAAGAAAT  
 TTCGATCGTCAAAAAGTCGGATCCTGAGTCTCAGCTGGCATCCTGCTGGTACCCACGTTGCAGCTGGT  
 CCATAGACTACATTAGTGTTCGATGTCAAATCAGGGAGCATAACCCGGAAGATGGTTTTAGACAGGCA  
 GCACCTGGGAGTGACCAAGTCAAGTGCATAGTGTGGGTGTTGCCTTCTGTCCGACGGCACTGTCATA  
 AGCGTGGACTCAGTTGGAAGGTGAGTATGGGACTCAGCTACTGGGACTTGTCAAGAGCCATCTCA  
 TCGAAACGCTGACGTGCACTATTGCTGTTGCTGATCAAGAAGACAGTTTTGTGGTGGGCACAGCCGA  
 GGGCACAGTGTCCATTTCCAGCTGGTGTCCGTGACTTCCAACAGCAGCGAGAAGCAGTGGGTGGGACG  
 AAACCATCCAGCACCACACACGACGTGCGCACTGTGGCCACAGCCCAACAGCCCTGATATCAGGAG  
 GCACCGACACCCACCTAGTTATTCGGCCTCTCATGGAGAAAGTGGAGGTAAGAAGTACGATGCCGCTCT  
 CCGAAAGTCACTTTCCCCATCGGCGTCTCATTCTGTTCAAAGCGAAGGCAGTTCTCCTTTCCAG  
 TTTGCTCACCCTTGAAGTCTGGAGACTAGGATCCACAGCCGCAACAGGCAAGAATGGAGATACTCTTC  
 CGCTCTCAAAAATGCAGACCATCTCTGCACCTCAAGACAAAGGGCCCTGAGAACATTATCTGCAGCTG  
 CGTCTCCCGTGTGGAAGTTGGATAGCCTATTCTACAGCGTCTCGGTTTTTCTCTATCGATTGAAATAT  
 GAACGTGATAACATTAGCCTCCAAGAGTTTCCAATACCAGCATTCTTCGCTCTGCCCTTCATATTT  
 TGTTTTCTGAAGATTCAACAAAGCTCTTTGTGGCATCAAATCAAGGGTCTCTACATGTCATCCATCTTTC  
 GGAAGGAAGCTTCAAGCACTTGCACTTTCCAGCCACAATCAGGGACAGTGGAGGCCATGTGTCTTTTG  
 GCAGTCAGTCCCGATGGGAATTGGCTAGCTGCATCAGGTACCAGTGTGGAGTCCACATATATGATCTGC  
 ATCATCTAAAGCTTCACTGCACAGTGCCTGCTTACAATTTCCAGTACTGCTCTGGCCATCGCCCCAA  
 TACCAACAACCTGGTCATTGCTCATTCTGACCAGCAGGATTTGAGTTCAGCATCCAGACAAGCAGTAT  
 ACAGAGTGGAGCCGCTCTGTCCAGAAGCAAGATTTACCAGCTGTGGCTCCAAAGGGATACTCCCATCA  
 CACACATCAGCATCCATCCCAAGAGACCATGCACATCCTCCTCATGACGCCTACATGTTCTGCATCAT  
 TGACAAGTCTTGCCACTTCCAATGACAAAAGTGTGCTCTATAATCCGCTTCTCCGAAAACGAATCA  
 GATGTCTTCTGAGGCGCACGCCATGGATTTAAAATGTCTAAGATATAAAGCCCTTACTCTTTATGG  
 ATCTTTTGGATGAAAGGACACTTGTGGCAGTAGAACGACCTCTGGATGACATATTGCTCAGCTCCACC  
 ACCCATCAAAAAGAAGAAATTTGGAAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001009640  
**Insert Size:** 2061 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001009640.1</a></u> , <u><a href="#">NP_001009640.1</a></u>
<b>RefSeq Size:</b>	2230 bp
<b>RefSeq ORF:</b>	2061 bp
<b>Locus ID:</b>	291987
<b>Cytogenetics:</b>	19q12