

## Product datasheet for **RR208897**

### Uchl5 (NM\_001012149) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Uchl5 (NM_001012149) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uchl5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR208897 representing NM_001012149 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGAGCAATGCCGGGAGTGGTGTCTCATGGAAAGCGACCCGGGGTCTTCACCGAGCTCATTAAAG  
GATTCGGTTGCCGAGGAGCTCAAGTAGAAGAAATATGGAGCTTAGAGCCTGAGAATTCGAAAAGCTAAA  
GCCGGTTCATGGTTAATTTTTCTTTCAAGTGCAGCCAGGAGAAGAACCAGCTGGCTCTGTGGTTCAG  
GACTCCAGACTTGAAACAATATTTTTGCTAAGCAGTAATTAATAATGCTTGTGCCACGCAGGCTATCG  
TAAGTGTACTACTGAACTGTACCCATCAAGATGTCCATTTAGGAGAGACATTATCAGAATTTAAGGAATT  
TTCCAAAGTTTTGATGCAGCTATGAAGGGTTGGCATTGAGTAACTCAGATGTGATTCGACAAGTGAC  
AACAGTTTTGCCAGACAGCAGATGTTTGAATTTGATACAAAGACATCAGCCAAAGAAGAAGATGCTTTTC  
ACTTTGTCAGTTATGTTCCAGTTAATGGAAGACTGTATGAATTAGATGGATTAAGAGAAGGCCCAATTGA  
TTTAGGTGCATGCAATCAGGATGACTGGATTACTGCAGTGAGGCCAGTAATAGAGAAGAGGATTCAAAAG  
TATAGTGAAGGAGAAATTCGATTTAATTTAATGGCCATTGTATCTGACAGAAAAATGATATATGAACAGA  
AGATAGCAGAGTTACAGAGACAGCTTGACAGGAGGAACCCATGGATACAGATCAGGGTAGTACTGTGTT  
AAGTGCTATTCAGTCAGAAGTTGCCAGAAACCAGATGCTTATTGAAGAAGAGGTACAAAAGTTAAAAGA  
TATAAGATTGAAAATATCAGAAGGAAGCATAACTACCTGCCTTTCATTATGGAATTGTTAAAGACCTTAG  
CAGAACACCAGCAGTTAATTCACCTTGTGGAAAAGATATTCTCATGTAGGGGAAGGAATCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR208897 representing NM\_001012149  
 Red=Cloning site Green=Tags(s)

MSSNAGEWCLMESDPGVFTELKGFSGCRGAQVEE IWSLEPENFEKLPVHGLIFLFWQPGEEPAGSVVQ  
 DSRLETIFFAKQVINNACATQAI VSVLLNCTHQDVHLGETLSEFKEFSQSFDAAMKGLALSNSDVIRQVH  
 NSFARQQMFEDTKTSAKEEDAFHFVSYVPVNGRLYELDGLREGPIDLGACNQDDWITAVRPVIEKRIQK  
 YSEGEIRFNLMIAIVSDRKMIEYEQKIAELQRQLAE EEPMDTDQGSTVL SAIQSEVARNQMLIEEEVQKLKR  
 YKIENIRRKHNYL PFI MELLKTLAEHQQLIPLVEKIFSCRGRNL

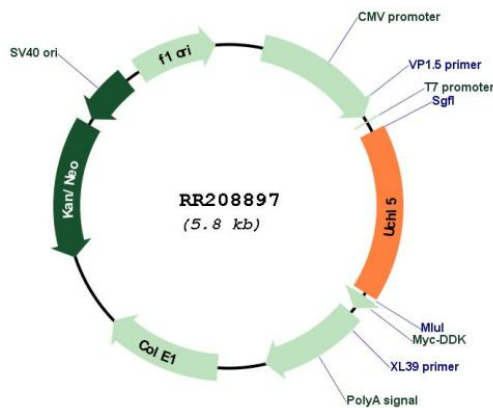
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001012149

<b>ORF Size:</b>	972 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001012149.1</a> , <a href="#">NP_001012149.1</a>
<b>RefSeq Size:</b>	1824 bp
<b>RefSeq ORF:</b>	975 bp
<b>Locus ID:</b>	360853
<b>Cytogenetics:</b>	13q21
<b>MW:</b>	37.1 kDa