

Product datasheet for **RN202154**

Uchl1 (NM_017237) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uchl1 (NM_017237) Rat Untagged Clone
Tag: Tag Free
Symbol: Uchl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202154 representing NM_017237
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCTGAAACCGATGGAGATTAACCCCGAGATGCTGAACAAAGTGTGGCCAAGCTGGGGTGC
GGCAGTGGCGCTTGGCCGACGTGCTAGGGCTGGAGGAGGAGACTCTGGGCTCAGTGCATCTCCTGCCTG
CGCCCTGCTGCTGCTGTTCCCTCACGGCCAGCATGAAAACCTCAGGAAAAACAATGAGGAACTG
AAGGGACAAGAAGTTAGCCCTAAAGTTTACTTCATGAAGCAGACCATCGGGAACCTCTGTGTACCATTTG
GGCTGATCCACGAGTGGCCAATAACCAAGACAAGCTGGAATTTGAGGATGGATCAGTCTGAAACAGTT
TCTGTCTGAAACGGAGAAGTTGTCCCTGAAGACAGAGCCAAGTGTTCGAGAAGAACGAGGCCATTGAG
GCAGCCCATGACTCCGTGGCCAGGAGGGCCAGTCCCGGTAGACGACAAAGTGAATTTCCATTTTATCC
TGTTCAATAATGTGGACGGCCACCTCTACGAGCTCGATGGGCGAATGCCTTCCCGGTGAACCATGGCGC
CAGTTCAGAGGACTCTGCTGCAGGATGCCCAAGTCTGCAGAGAATTCAGTGCAGGAGCAGGGA
GAGGTCGGCTTCCGCGAGTGGCTCTGCAAAGCAGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017237
Insert Size: 672 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_017237.3</u> , <u>NP_058933.2</u>
RefSeq Size:	1058 bp
RefSeq ORF:	672 bp
Locus ID:	29545
UniProt ID:	<u>Q00981</u>
Cytogenetics:	14p11
Gene Summary:	catalyzes the hydrolysis of ubiquitin carboxy-terminal thiolesters to form ubiquitin and a thiol; may play a role in neuropathic pain [RGD, Feb 2006]