

Product datasheet for MC209614

Uchl1 (NM_011670) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uchl1 (NM_011670) Mouse Untagged Clone
Tag: Tag Free
Symbol: Uchl1
Synonyms: AW822034; C88048; gad; PGP 9.5; PGP9.5; R75593; UCH-L1; UCHL-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209614 representing NM_011670
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGCTGAAGCCGATGGAGATTAACCCCGAGATGCTGAACAAAGTGTTGGCCAAGCTGGGGTGC
 GCCAGTGGCGCTTCGCCGACGTGCTAGGGCTGGAGGAGGAGACTCTGGGCTCAGTGCCATCCCCTGCCTG
 CGCCCTGCTGCTCCTGTTCCCTCACGGCCAGCATGAAAACCTCAGGAAAAAGCAAATGAGGAACTG
 AAGGGACAGGAAGTTAGCCCTAAAGTTTACTTCATGAAGCAGACCATCGGAAACTCCTGTGTACCATCG
 GGTTGATCCACGAGTGGCCAACAACCAAGACAAGCTGGAATTTGAGGATGGATCCGTCCTGAAACAGTT
 TCTGTCTGAAACGGAGAAGCTGTCCCCGAAGATAGAGCCAAGTGTTCGAGAAGAACGAGGCCATCCAG
 GCGGCCCATGACTCCGTGGCCAGGAGGCCAGTGTCCGGTAGATGACAAAGTGAATTTCCATTTTATTC
 TGTTCAACAACGTGGACGGCCATCTGTACGAGCTCGATGGCGAATGCCCTTCCAGTGAACCATGGCGC
 CAGCTCAGAGGACTCTCTGCTGCAGGATGCTGCCAAGTCTGCAGAGAATCACTGAGCGCGAGCAGGGG
 GAGGTCCGTTCTCTGCCGTGGCTCTCTGCAAAGCAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011670
Insert Size: 672 bp



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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).
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:	NM_011670.2 , NP_035800.2
RefSeq Size:	1156 bp
RefSeq ORF:	672 bp
Locus ID:	22223
UniProt ID:	Q9R0P9
Cytogenetics:	5 35.95 cM
Gene Summary:	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins (Probable). This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin (PubMed:12913066). Also binds to free monoubiquitin and may prevent its degradation in lysosomes (PubMed:12913066). The homodimer may have ATP-independent ubiquitin ligase activity (By similarity).[UniProtKB/Swiss-Prot Function]