

Product datasheet for **SC211859**

URM1 (NM_030914) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	URM1 (NM_030914) Human 3' UTR Clone
Symbol:	URM1
Synonyms:	C9orf74
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_030914
Insert Size:	2000 bp



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Insert Sequence: >SC211859 3'UTR clone of NM_030914
The sequence shown below is from the reference sequence of NM_030914. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTCTTCATCTCCACTCTGCACGGCGGCTAAGGGCCCTTCTCTGGGCTGGGCACCCTTAGAGGGGAGAA
CGAAGCAATCAGACATCCCCTTGGGCCCTGCTTCCAGGTCTCCCTGTCCCCCTTGCTGCCTTCTTCCC
TGCTCTGTCCCCTAAGCTCCCTCCAGGCAGGAAAAAGAGGCCAGGTGCTAAAAATGAGCCTTTCTCAAG
CACGTGAGCAGCGGAAGGCAGACAGGCGCCAGAGCCAGCACTCCCTTTTCCAGCAGCTGTGGTGGGGG
AGGGTTCCTCCAGTTTGTCAAGAGTTGAAGGAGGCTCTGTGGCCAGGTGACCTGGCTGCCTTCCACT
CCTTGACCTCAGTCTAAACATGGAGTGGCCGCTGACAAGGCGCTCCAGCCCCAGAGCCAGCGTCTTCA
TGGGGAAGATGAATGGACCTGAGTAGCTGAAGGAAGGCCCTCCCTACCCAAAGACTGGAGGCTTCTCA
GCCTCAATTTCCCTGTCTGTACAGCTGAGGGCTCTGCCTGTCCCCACTGCTATCAGTATGGAACCCCA
GCTGGGGTCCCCTATTGAGTGGCGACTCCCCCACCAGCCAGCAGTGTCTCTCCAGCCACACCCCTCCT
GCTCCCCCACCCTAGCCCTTGACCCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCT
GAGACCTCCCCAGGCTGCTTACAGCTCATTCTGCTGGGGGTAGAGATGAGGGGAGGGAGTAAGTAAAA
CCTTGGACTAGCAAGTAGAAGCCTGGGGGATGCGTGTGCCTCAGTTTCTCCTCCCAACTGAATATA
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TCCATCCTCAGCCTAGGGCCTCAGAGCTACCCTTACCCAAAAGAGGGGTGGGGGTGAACACTCAGAC
AATCTGAGAGGGGTAGTCTAATAGAGCATCTGGAGAAGGGAGTGGCAGAGCCAGTCTGTGCTGACCA
GTCTGTGTCCCGGACGCATCCCCACCCGTCTGTCCAAGGCTTTGTCCACCAGTGCAGCCAGCAGCC
TCAGAACCCAAAATGAGGGTAGCATAGATAAGACTGCTGAGCCCCCTTTCTGTGGTCTTCTTCCAT
GACCTAGAGAAAAGAGCTTTGCTGGAGGGAGACCCCCAAAAGAATTAGGGTGCTAACATCCCAACAAA
AGCATCATCCCAACAAAATGTTGCTTTTCTATTCTATGTCAATAATTAAGGTGGAATTTCTCTCAGCC
TGTGGAGATGAAAGTGGCAAAAGGTTGTCCAGCAGTGTGGGGGATGGGGTGTGCACATCATTCTTTT
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TTGGGGTCTGAGTGTGTCCAGAAAGGCTGTGTGACCAACCTCACTAGTTCTGAGGTGAGGTCTCC
ATGTTAGGGAACAGAGCAAGAGACTTGGAACAGCTCCCTACAGCTGCACTTCTAGAAGGTGAGCCTGTC
CGATTCTTGTAACCTGGAGGTCCCTCCCCATCTGCAGCCCCCTGAGCTGCAGGAGCGGCCCATCAGTG
CACCTGATTGGAACACACTAGATTTAGGTCTGGAACTGGGCGCTAGGATCCGTTTCCCTGGCTGC
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_030914.4](#)

Summary:	Acts as a sulfur carrier required for 2-thiolation of mcm(5)S(2)U at tRNA wobble positions of cytosolic tRNA(Lys), tRNA(Glu) and tRNA(Gln). Serves as sulfur donor in tRNA 2-thiolation reaction by being thiocarboxylated (-COSH) at its C-terminus by MOCS3. The sulfur is then transferred to tRNA to form 2-thiolation of mcm(5)S(2)U. Also acts as a ubiquitin-like protein (UBL) that is covalently conjugated via an isopeptide bond to lysine residues of target proteins such as MOCS3, ATPBD3, CTU2, USP15 and CAS. The thiocarboxylated form serves as substrate for conjugation and oxidative stress specifically induces the formation of UBL-protein conjugates.[UniProtKB/Swiss-Prot Function]
Locus ID:	81605
MW:	71.8