

Product datasheet for **SC117999**

WEE1 (NM_003390) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WEE1 (NM_003390) Human Untagged Clone
Tag:	Tag Free
Symbol:	WEE1
Synonyms:	WEE1A; WEE1hu
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene ORF sequence for NM_003390 edited
 ATGAGCTTCTGAGCCGACAGCAGCCGCCACCCCGCCGCGCGGGGCGCCTGCACC
 TTGCGGCAGAAGCTGATCTTCTCGCCCTGCAGCGACTGTGAGGAGGGAAGAAGAGGAG
 GAGGAGGAGGGCAGCGGCCACAGCACCCGGGAGGACTCGGCCTTTCAAGAGCCCGACTCG
 CCGCTGCCGCCCGCGGGAGCCCCACGGAGCCCGGGCCGAGCGCCCGCTCGCCCGGG
 CCGGCCCCCGGGAGCCCCGGCGAGCTGGAGGAGACCTGTTGCTGCCCGGCGCTGCCCG
 GCGCGGACGAGCGGGCGGTGGGGCGGAGGGCGACTCGTGGGAGGAGGAGGGCTTCGGC
 TCCTCGTCGCGGTCAAGTCGCCGGCGGCCCTACTTCTGGGTAGCTTTTCTCGCCG
 GTGCGCTGCGGGGCCAGGAGATGCGTCGCCCGGGGTTGCGGGCGCGCCGGGCGGGC
 GAAGGCCCGCTCGCCGCGCCGACCACCCGGGCACCCGCCACACAAGACCTTCCGC
 AAGCTGCGACTCTTGACACCCCGCACACGCCAAGAGTTTGTCTCAAAGCTCGGGGA
 ATTGATCCAGCTCTGTTAAACTCCGGGTAGTTCTCTTTCATGGATACAGAAAAATCA
 GAAAAAAGGGAATTTGATGTGCGACAGACTCCTCAAGTGAATATTAATCCTTTTACTCCG
 GATTCTTTGTTGCTTCTCCTCAGGACAGTGTGTCGTAGAAAAGAGAACGTATTGGAAT
 GATTCTGTGGTGAAGACATGGAAGCCAGTGATTATGAGCTTGAAGATGAAACAAGACCT
 GCTAAGAGAATTACAATTACTGAAAGCAATATGAAGTCCCGGTATACAACAGAATTCAT
 GAGCTAGAGAAAAATCGGCTCTGGAGAATTTGGTTCTGTATTTAAGTGTGTGAAGAGGCTG
 GATGGATGCATTTATGCCATTAAGCGATCAAAAAAGCCATTGGCGGGCTCTGTTGATGAG
 CAGAACGCTTTGAGAGAAGTATATGCTCATGCAGTGTGGACAGCATTCTCATGTAGTT
 CGATATTTCTCTCGTGGGCGAGAAGATGATCATATGCTTATACAGAATGAATATTGTAAT
 GGTGGAAGTTAGCTGATGCTATAAGTAAAACTACAGAATCATGAGTTACTTTAAAGAA
 GCAGAGTTGAAGGATCTCCTTTTGCAAGTTGGCCGAGGCTTGAGGTATATTCAATCAATG
 TCTTTGGTTCACATGGATATAAAACCTAGTAATATTTTCATATCTGAACTCAATCCCA
 AATGCTGCCTCTGAAGAAGGAGCGAAGATGATTGGGCATCCAACAAGTTATGTTTAA
 ATAGGTGATCTTGGGCATGTAACAAGGATCTCCAGTCCACAAGTTGAAGAGGGCGATAGT
 CGTTTTCTTGCAATGAAGTTTTACAGGAGAATTATACCCATCTACAAAAGCAGATATT
 TTTGCGCTTGCCCTCACAGTGGTATGTGCTGCTGGTGTGAACCTCTCCGAGAAATGGA
 GATCAATGGCATGAAATCAGACAGGGTAGATTACCTCGGATACCACAAGTCTTTCCCAA
 GAATTTACAGAGTTGCTAAAAGTTATGATTCATCCAGATCCAGAGAGAAGACCTTCAGCA
 ATGGCACTGGTAAAGCATTCAAGTATTGCTGTCCGCTTCTAGAAAAGAGTGCAGAACATTA
 CGAATAGAAATGAAATGCCAAAAGTTCAAAAATCACTTTTACAAAAGAAGTCAAGAAA
 GCACAGATGGCAAAAGCTGCAGCTGAGGAAAGAGCACTTCACTGACCCGGATGGCCACT
 AGGTCCACCACCCAGAGTAATAGAACATCTCGACTTATTGGAAAAGAAAATGAACCGCTCT
 GTCAGCCTTACTATATACTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003390 unedited
 GATAGCGCTGCGTNGAAAACGAATCCGGGGGGCGAAAAACCTTCGCACGGGGCCGCC
 CGTTTTCTGCCGGAAGTCCGCGCCCGCTGCCGCCACCGTCCGACGCCGAGCGCCCGG
 AGCCCGAGGCCCGCCCGCGCAGAGACCGCGGCTGCGACTAGGCGCGCCAGCCGCAC
 GTGGCGGACCCGCCCCAGGCCCGCAGTGTTTTTTTTATTCGCGAGGCTCCGCTCTCCTG
 TCCTCGGCCCGTCCCCAGGGCCGCGATGAGCTTCTGAGCCGACAGCAGCCGCCCCAC
 CCCGCCGCGCGGGGGCGGCTGCACCTTGGCGAGAAGCTGATCTTCTCGCCCTGCAGCG
 ACTGTGAGGAGGGAAGAAGAGGAGGAGGAGGAGGGCAGCGCCACAGCACCGGGGAGG
 ACTCGGCTTTCAAGAGCCGACTCGCCGCTGCCGCCCGCGGGAGCCCCACGGAGCCCG
 GGCCCGAGCGCCCGCTCGCCCGGGCCGCCCGGGAGCCCCGGCGAGCTGGAGGAGG
 ACCTGTTGCTGCCCGCGCTGCCCGGGCGGACGAGGCGGGCGGTGGGGCGGAGGGCG
 ACTCGTGGGAGGAGGAGGCTTCGGCTCCTCGTCGCCGGTCAAGTCGCCGGCGGCCCT
 ACTTCTGGGGAGCTCTTCTCGCCGGTGCCTGCGGGCGCCAGGAGATGCCTCCCCGC
 GGGGTTGCGGGAGCGCACGGAGGAGCATGATCCTCTCGCGACGCTGGGAGTGATACGGCG
 GGGGAGGAGGGGAGGAGCAGGATGAGGGAGAGGTGGGGCGGGCGAGGCCCGGGGGC
 AGGAGGGAGTGGAGGGGGGGGGAGGGAGGGAGGGTGGGGTGGTGGG

Protein Families: Druggable Genome, Protein Kinase, Stem cell - Pluripotency

Protein Pathways: Cell cycle

Gene Summary: This gene encodes a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).