

## Product datasheet for **SC214209**

### **UHRF1 (NM\_013282) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	UHRF1 (NM_013282) Human 3' UTR Clone
Symbol:	UHRF1
Synonyms:	hNP95; hUHRF1; huNp95; ICBP90; Np95; RNF106; TDRD22
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013282
Insert Size:	1381 bp



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**Insert Sequence:** >SC214209 3'UTR clone of NM\_013282  
 The sequence shown below is from the reference sequence of NM\_013282. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
CTCTTCCCGGCTACGGCAATGGCCGGTGATCTCCAAGCACTTCTCGACAGGCGTTTTGCTGAAAACGT
GTCGGAGGGCTCGTTCATCGGCACTGATTTTGTCTTAGTGGGCTTAACTTAAACAGGTAGTGTTCCT
CCGTTCCCTAAAAAGTTTGTCTTCTTTTTTTTTTTTTTTTTTTTCAATCTATACATTTTCAGG
AATTTATGATTCTGGCTAAAAGTTGGACTTCTCAGTATTGTGTTTAGTTCTTTGAAAACATAAAAGCC
TGCAATTTCTCGACAAAACAACAAGATTTTTTAAAGATGGAATCAGAACTACGTGGTGTGGAGGCT
GTTGATGTTTCTGGTGTCAAGTCTCAGAAGTTGCTGCCACCAACTCTTAAGAAGGCGACAGGATCAG
TCCTTCTCTCGGTTCTGGCCCCAAGGTCAGAGCAAGCATCTTCTGACAGCATTGTCATCTAAAG
TCCAGTGACATGGTCCCGTGGTGGCCCGTGGCAGCCCGTGGCATGGCGTGGCTCAGCTGTCTGTTGA
AGTTGTTGCAAGGAAAAGAGGAAACATCTCGGGCTAGTTCAAACCTTTGCCTCAAAGCCATCCCCAC
CAGACTGCTTAGCGTCTGAGATCCGCGTGAAAAGTCTCTGCCACGAGAGCAGGGAGTTGGGGCCACG
CAGAAATGGCCTCAAGGGGACTCTGCTCCACGTGGGGCCAGGCGTGTGACTGACGCTGTCCGACGAAGG
CGGCCACGGACGGACGCCAGCACACGAAGTCAAGTGCCTTTGATTGTTCTTCTTTCTAAAG
ACGACAGTCTTTGTTGTAGCACTGAATTATTGAAAATGTCAACCAGATTCTAGAACTGCGGTCATCC
AGTTCTTCTGACACCGGATGGGTGCTTGGGAACCGTTTGAGCCTTATAGATCATTTACATTTCAATTTT
TTAACTCAGCAAGTGAGAACTACAAGAGGGTTTTTTTTAAAAATTTTTTTTCTTAAATGAACACATT
TTCTAAATGAATTTTTTTGTAGTTACTGTATATGTACCAAGAAAGATATAACGTTAGGGTTGGTTGT
TTTTGTTTTTGTATTTTTTTCTTTTGAAGGGTTTGTAAATTTTTCTAATTTTACCAAAGTTTGCAGC
CTATACCTCAATAAAACAGGGATATTTTAAATCACATACCTGCAGACAACTGGAGCAATGTTATTTTT
AAAGGGTTTTTTTACCTCCTTATTCTTAGATTATTAATGATTAGGGAAGAATGAGACAATTTTGTGT
AGGCTTTTTCTAAAGTCCAGTACTTTGTCCAGATTTTAGATTCTCAGAAATAATGTTTTTACAGATAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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\\_013282.5](#)

**Summary:**

This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12. [provided by RefSeq, Feb 2014]

**Locus ID:**

29128

**MW:**

53