

Product datasheet for **SC214208**

UHRF1 (NM_001048201) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UHRF1 (NM_001048201) Human 3' UTR Clone
Symbol:	UHRF1
Synonyms:	hNP95; hUHRF1; huNp95; ICBP90; Np95; RNF106; TDRD22
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001048201
Insert Size:	1371 bp



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Insert Sequence: >SC214208 3' UTR clone of NM_001048201
 The sequence shown below is from the reference sequence of NM_001048201. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**CGGATCGC**

CGTCCTCAACCAGCTCTTCCCCGGCTACGGCAATGGCCGG**TGA**TCTCCAAGCACTTCTCGACAGGCGTTT
 TGCTGAAAACGTGTCCGAGGGCTCGTTCATCGGCACTGATTTTGTCTTAGTGGGCTAACTTAAACAGG
 TAGTGTTTCTCCGTTCCCTAAAAAGTTTGTCTTCTTTTTTTTTTTATTTTTATTTTCAAATCTATA
 CATTTTCAGGAATTTATGTATTCTGGCTAAAAGTTGGACTTCTCAGTATTGTGTTTAGTCTTTGAAAAC
 AAAAAAGCTGCAATTTCTCGACAAAACAACAAGATTTTTTAAAGATGGAATCAGAACTACGTGGT
 TGGAGGCTGTTGATGTTTCTGGTGTCAAGTTCAGAAGTTGCTGCCACCAACTCTTAAAGAAGGCGACA
 GGATCAGTCCTTCTCGGGTCTGGCCCCAAGGTCAGAGCAAGCATCTTCTGACAGCATTGTGTCAT
 CTAAAGTCCAGTGACATGGTTCCCGTGGTGGCCCGTGGCAGCCCGTGGCATGGCGTGGCTCAGCTGTCT
 GTTGAAGTTGTTGCAAGGAAAAGAGGAAACATCTCGGGCTAGTTCAAACCTTTCCTCAAGCCATCCC
 CCACCAGACTGCTTAGCGTCTGAGATCCCGGTGAAAAGTCTCTGCCACGAGAGCAGGGAGTTGGGGCC
 ACGCAGAAATGGCCTCAAGGGGACTCTGCTCCACGTGGGGCCAGGCGTGTGACTGACGCTGTCCGACGAA
 GGCGGCCACGGACGGACGCCAGCACACGAAGTCACGTGCAAGTGCCTTTGATTGCTTCTTTCTAAA
 GACGACAGTCTTTGTTGTAGCACTGAATTATTGAAAATGTCAACCAGATTCTAGAACTGCGGTATCC
 AGTTCTTCTGACACCGGATGGGTGCTTGGGAACCGTTTGAGCCTTATAGATCATTACATTCAATTTTT
 TTAACTCAGCAAGTGAGAACTTACAAGAGGGTTTTTTTTAAAATTTTTTTTCTCTTAATGAACACATTTT
 CTAAATGAATTTTTTTGTAGTTACTGTATATGTACCAAGAAAGATATAACGTTAGGGTTTGTTGTTTT
 TGTTTTGTATTTTTTTCTTTTGAAGGGTTTGTAAATTTTTCTAATTTTACCAAAGTTTGCAGCCTAT
 ACCTCAATAAAACAGGGATATTTTAAATCACATACCTGCAGACAACTGGAGCAATGTTATTTTTAAAGG
 GTTTTTTTCACCTCCTTATTCTTAGATTATTAATGTATTAGGGAAGAATGAGACAATTTTGTGTAGGCTT
 TTTCTAAAGTCCAGTACTTTGTCCAGATTTTAGATTCTCAG

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

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_001048201.1](#)

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