

Product datasheet for **SC213747**

UPF2 (NM_015542) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: UPF2 (NM_015542) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: UPF2
Synonyms: HUPF2; RENT2; smg-3
ACCN: NM_015542
Insert Size: 1306 bp
Insert Sequence: >SC213747 3'UTR clone of NM_015542
The sequence shown below is from the reference sequence of NM_015542. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCTTTAAGACTGGTGGGAGGAGACGTTGATCCAGCAGCAGTGTCAATTCATTAGTCTGTATCTGA
TGTTGTGGTTAGTGGAGTCTCCAGCAATTGAATGAGAGCAGTGGACACATCTCAGCAGGTCGGTCTAG
AGAGTTGCGAATCTAAACCTGGGACAGGCTGGGGCCAGGAGGCAGAAACACCAGCCTCTGCCAACCCG
GAACAAGCCGACGCTTCCAGACAAGCGGAAAAGGCCTTTTGAATGGAAATCTCGCGAGGGTAAATCT
TCTCTTGAGAATGGCAGTCAAGAAATGAGATGGTTCACCTGACTACTGAGCAGTTACACCAAGGAGAGC
GTGAAGGAGATGATTGAGCCAGAGAAGAAACGGGTTGTGATGGTAAATGGTGTGGGGGAAATGAACTTGA
GCTTTAACTTGATTTGAGTTTCAGTGTCTCTGAATTGAACATCCCACGTTGGAAGAAGATACATTTGG
GGGCTCCAGGACTACAGTAGAAAAGTATAGAGCAAGCAGGAAAATCTTCTAGTAAAATACATGCAGG
ACAACAAAATGATGAAAGATATCCAAATACCAGATAATCCACCAGGAAGGCTTTTGTGTTAGGAATTTGT
TTCAAGAGGAACAAGGGATGAGGGAGAAAATCCGTTTTATCCATCAGAGTCAGTGCTATAAAAATGCC
TATTAAGTAAAAGAAAATGTGGAGACTATTTACTATACAGAGAGCATTAAATTCAGATGGCTTAGAA
AAGTGATACCAGCCAAGAACAGGGATCTAGGTGAGCCCATTTGTAAGTATCATTGAAAACAAAACATGC
CCGTCAACATGTCACAGAAAACGAACGAAGGACAACAAGAAGTGGATGAGAATATTTTGTGACCTTCA
TGGGTTTACAGCCTCTGTCTCTAAACAAAGTATGGAAACAAGTAGAGCTTTTATTTTGTCTTTGTTTT
GTTTTGTTTTTTTTTTTTTTTTCCCCACTAAATAGAAATGAGGGTCTTAGTCTGTTTCTGACAATCT
GTTAATTTCTTAGGACAGCTGTCTTTGGTTTGCCTTCCAGCAGGCGTAGTATATTTAGTCGGAGAGCAC
ATCTGTATGCGACAACCTGATTACATCTTTTTTCTAGCTATTTTGCATTTTTCTTTTACCATGTTTC
AGTTTTCGATGTAGATTTAAATAAAAAACAAAACCTTGTAAAGTTGTAACATTTACATGGAAATGCTG
CCCAATCTTACCAGCTTCAGAAATCTGACCTTTGCCGATGCTGCAATAAAGTGTTGTAATTTA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-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_015542.4
Summary:	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein is located in the perinuclear area. It interacts with translation release factors and the proteins that are functional homologs of yeast Upf1p and Upf3p. Two splice variants have been found for this gene; both variants encode the same protein. [provided by RefSeq, Jul 2008]
Locus ID:	26019
MW:	50.6