

## Product datasheet for SC211038

### UPF3A (NM\_080687) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	UPF3A (NM_080687) Human 3' UTR Clone
Symbol:	UPF3A
Synonyms:	HUPF3A; RENT3A; UPF3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_080687
Insert Size:	930 bp
Insert Sequence:	<p>&gt;SC211038 3'UTR clone of NM_080687</p> <p>The sequence shown below is from the reference sequence of NM_080687. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGTCCTGAGAAGAGGGAAGAGGCAGAGTGAAGTCACTGCACGCACCTGGCCTCCATGGACGAGCAAGGGC
ATCCCAGAAACGTGTAATGACCCCGAGTGTGACTGGGAAGGAGAACTTATTCCTTACCAGGAACTGG
AAGCTAAAAATACAGAGGGTGACGTAGAAACACGCAGAAACCATTCTAAAGAAAGTAGTGATCTTGTAT
TAAATTGAGCAGAATTCTCACAGATTTTACCATTCTGTTATAAACTAGTATTTGTTGTTTAGCCAAAA
CAGAAAAATGATTTCCACTGGACAGTAGAAAAATATGTGTAAAATAGGGAAGAAAGTTAGTATTGGATCA
GTGTGAGTCCTGAAGCACTTTTCAGTGCTGTGAGAACGACATCCACTTTGGGTTTCATTTCGTTTGAAGC
AGAGGAGCTGTCACTCACTCGTCTTCTCGGTGGCCTCTGAGCCATGGTGTGAGTGAAGAGTAGTCT
TGTTTGTACAACTTTGTGAGTCAGCCATGCCCGCAAAGCGTGCTGTGTTTGTAGTCTGGTAGGAATA
TTATCAGAGTTCACACTATATAAAACCAACAGCTTCAACTATTGCCCTTTCAACAGTTTTGCCACTG
ACCGGATAGAAACGGTTTCAGTCTCTGGATGGATGTGTTTGTGGTTTGTAAACCATTACGGTTTAAACCA
TGGTTTAAGAATTTGCCCAAATAACAGAAATTTGTTTCGGAAGGGATAAACTAGATATAGCATACAGA
GCCTGTTTTTGAAGTTTATGATACTTTATTTGTAATAACTTAAATAGCTTTCTGAAACCGTGCAATTCT
GTAGTTTCTTCTTTCAGTGAAATTGCTAAATGTCAATGTATTTTGGCACTGCGATTTTAAACATTTA
TTAAATAAAAAATTTGTTAAAGAAGTACTGAAA
ACGCGTAAAGCGCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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:	<a href="#">NM_080687.3</a>
Summary:	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. The encoded protein is one of two functional homologs to yeast Upf3p. 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 binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. It forms with Y14 a complex that binds specifically 20 nt upstream of exon-exon junctions. This gene is located on the long arm of chromosome 13. Several splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]
Locus ID:	65110
MW:	35.4