

## Product datasheet for **SC214299**

### UPRT (NM\_145052) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	UPRT (NM_145052) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UPRT
Synonyms:	FUR1; UPP
ACCN:	NM_145052
Insert Size:	1404 bp



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**Insert Sequence:** >SC214299 3'UTR clone of NM\_145052  
The sequence shown below is from the reference sequence of NM\_145052. 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
TTTGGACAGAAACTTTGGAACAGACTAAGTTATTTAAGTAAAATAATTATCTTATGTAATATTACAA
TCATGTTTTGATTTTCTATTTGTTTTACTGATTCACTTGAGGGTGGCAGAGAAAAATGTGTTAAAAATGC
TTTTTAGTTTTGGAAGTGGGTATATTTGAGTTATATCTCATTTAGTTATTTGTTTACTGTTGGCACCG
AATTCAACAATGAAGTATATGCAACTCTTACAAAAATAAATTTAATAATATTCTAATGCAAACTACT
GAACCCTCAGTGCATTAATAATTTTCTAATTTATGAGCCTCTAGTTTGGAGTTGCTTGAAGCCAC
AAATAAACTCAAATGAGAGTCAGTTCTTTGTCCCACTGTAGTTTGCATTTTGTAGTTTGGTTTTAG
CTCTACTAAGGTTTCACATATGTGGCTATTGCCACATTCCTCTACTGTTTTCTTTCTGACTGGACAT
GCTAGTAACTTGGAGAGGAGAATAAAGAATGTCTCCTGGAATTTTACATTCCCATTAATGTCCTCATT
CAGTTGGCAGACCTAGGATGTATGGTAACTCTCAGGCCATTATGTTTTTCATGGCTCATTCCCAAAC
TGCAATTGTTGGTAGGTGCCTTGCTAAGCTGAATGCAGTGAAGAAGATGGTGGGGCATTGTTAGTAATT
GGAAGTGTAACTTAATTTACAAGATTGAACCGGGGATGTCTGGATGCTGACAAGGGAGAGCCAAGTAC
TGTTAATGCCATCAATCTCTAGGAAGGAATTGGTGGTTTTCTGAAGTGTGGGGGAAAGGGTGGTTTC
TTGCTGGATTTTCAAGCCAGTAAGTAAATTTAAATGCTTCATTTTTAATTTGGATGTTTCTGCTAGAGA
CCTTTGATTTGAAAATTAGTTATTTTGCATGTTTGTCACTGTATATGTATGAAAATAGAAAAAACCA
TGCTTTTTGTAAAAACCCTAAGATTTGTATATGTTTCACTTTAGGCTTCTGAAAGGGAGAGAAATCAT
ATTGAAATCAGTGTGGTGTCTGAAATCTGCTTGTAAAACCTCATCTTTTACATTGATATTAA
AACATTTTAACAGTGTGGCTAGCTGATTACTTGATTAATTATACTCCCATGGCCCATAGGAAGCTGT
TGTGGGCCTCTGTTCAAAAGCACAGAAAAGAGCAGAAAGGAATGTCTTAGAAAGAATCAAAGCTGATGA
AATCAGCAAAGATTGGGGGAAAGGAAGGAAAGCCTGGTGTAGATTGGATTATTTTTCTTTGGGGACT
AGAATACTAGAAGAACTCAGTATATTTTTCCCTTTATTTTTGAATACTGTCATATAATAAATTGAGAT
TAATAAATTACTCATATTACAGTT
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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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\\_145052.4](#)

**Summary:** This gene encodes uracil phosphoribosyltransferase, which catalyzes the conversion of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is an important part of nucleotide metabolism, specifically the pyrimidine salvage pathway. The enzyme localizes to the nucleus and cytoplasm. The protein is a potential target for rational design of drugs to treat parasitic infections and cancer. [provided by RefSeq, Nov 2009]

**Locus ID:** 139596

**MW:** 54.1