

## Product datasheet for RC200343

### UXT (NM\_004182) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UXT (NM\_004182) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** UXT  
**Synonyms:** ART-27; STAP1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC200343 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGACGCCCCCTAAGCGGCGGGCGGTGGAGGCCACGGGGGAGAAAGTCTGCGCTACGAGACCTTCA  
TCAGTGACGTGCTGCAGCGGGACTTGCAGAAAGGTGCTGGACCATCGAGACAAGGTATATGAGCAGCTGGC  
CAAATACCTTCAACTGAGAAATGTCATTGAGCGACTCCAGGAAGCTAAGCACTCGGAGTTATATATGCAG  
GTGGATTTGGGCTGTAACCTCTTCGTTGACACAGTGGTCCAGACTTCCAGCATCTATGTGGCCCTGG  
GATATGGTTTTTCTGGAGTTGACACTGGCAGAAGCTCTCAAGTTCATTGATCGTAAGAGCTCTCTCTCT  
CACAGAGCTCAGCAACAGCCTCACCAAGGACTCCATGAATATCAAAGCCCATATCCACATGTTGCTAGAG  
GGGCTTAGAGAACTACAAGGCCTGCAGAATTTCCAGAGAAGCCTCACCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC200343 protein sequence  
Red=Cloning site Green=Tags(s)

MATPPKRRAVEATGEKVLRYETFISDVLQRDLRKVLDHRDKVYEQAKYQLQLRNVIERLQEAHSELYMQ  
VDLGCNFFVDTVVPDTSRIYVALGYGFFLELTLAEALKFIDRKSSLLTELSNSLTKDSMNIKAHIHMLLE  
GLRELQGLQNFPEKPHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6394\\_a11.zip](https://cdn.origene.com/chromatograms/mk6394_a11.zip)

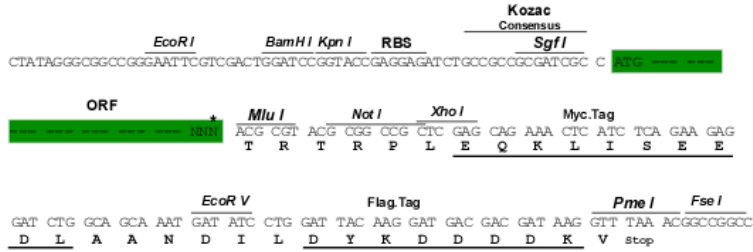
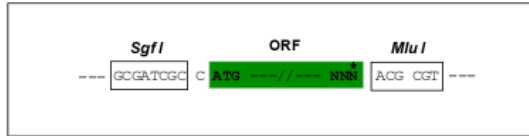
**Restriction Sites:** SgfI-MluI



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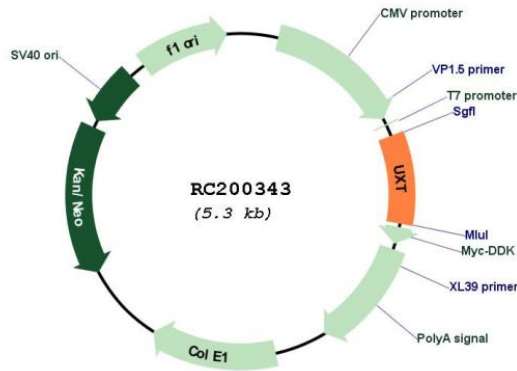
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

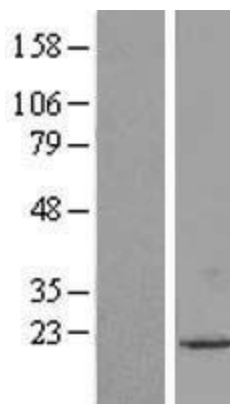
Plasmid Map:



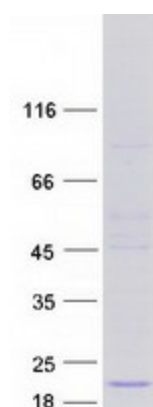
ACCN: NM\_004182  
 ORF Size: 471 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	<p>This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.</p>
<b>RefSeq:</b>	<a href="#">NM_004182.3</a>
<b>RefSeq Size:</b>	619 bp
<b>RefSeq ORF:</b>	474 bp
<b>Locus ID:</b>	8409
<b>UniProt ID:</b>	<a href="#">Q9UBK9</a>
<b>Domains:</b>	DUF232
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	18.2 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene functions as a cofactor that modulates androgen receptor-dependent transcription, and also plays a critical role in tumor necrosis factor-induced apoptosis. Expression of this gene may play a role in tumorigenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]</p>

## Product images:



Western blot validation of overexpression lysate (Cat# [LY418160]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200343 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified UXT protein (Cat# [TP300343]). The protein was produced from HEK293T cells transfected with UXT cDNA clone (Cat# RC200343) using MegaTran 2.0 (Cat# [TT210002]).