

Product datasheet for SC117506

UXT (NM_004182) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UXT (NM_004182) Human Untagged Clone
Tag:	Tag Free
Symbol:	UXT
Synonyms:	ART-27; STAP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117506 sequence for NM_004182 edited (data generated by NextGen Sequencing)

```
ATGGCGACGCCCTAAGCGGCGGGCGGTGGAGGCCACGGGGGAGAAAGTCTGCGCTAC
GAGACCTTCATCAGTGACGTGCTGCAGCGGGACTTGCGAAAGGTGCTGGACCATCGAGAC
AAGGTATATGAGCAGCTGGCCAAATACCTTCAACTGAGAAATGTCATTGAGCGACTCCAG
GAAGCTAAGCACTCGGAGTTATATATGCAGGTGGATTTGGGCTGTAACCTCTTCGTTGAC
ACAGTGGTCCCAGATACTTCACGCATCTATGTGGCCCTGGGATATGGTTTTTTCCTGGAG
TTGACACTGGCAGAAGCTCTCAAGTTCATTGATCGTAAGAGCTCTCTCCTCACAGAGCTC
AGCAACAGCCTCACCAAGGACTCCATGAATATCAAAGCCCATATCCACATGTTGCTAGAG
GGGCTTAGAGAACTACAAGGCCTGCAGAATTTCCAGAGAAGCCTCACCATTGA
```

Clone variation with respect to NM_004182.2

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_004182 unedited
GCACGAGGCTGAGGAGCCATCATGGCGACGCCCTAAGCGGCGGGCGGTGGAGGCCAC
GGGGGAGAAAGTCTGCGCTACGAGACCTTCATCAGTGACGTGCTGCAGCGGGACTTGCG
AAAGGTGCTGGACCATCGAGACAAGGTATATGAGCAGCTGGCCAAATACCTTCAACTGAG
AAATGTCATTGAGCGACTCCAGGAAGCTAAGCACTCGGAGTTATATATGCAGGTGGATTT
GGGCTGTAACCTTCTCGTTGACACAGTGGTCCCAGATACTTCACGCATCTATGTGGCCCT
GGGATATGGTTTTTCTGGAGTTGACACTGGCAGAAGCTCTCAAGTTCATTGATCGTAA
GAGCTCTCTCCTCACAGAGCTCAGCAACAGCCTCACCAAGGACTCCATGAATATCAAAGC
CCATATCCACATGTTGCTAGAGGGGCTTAGAGAACTACAAGGCCTGCAGAATTTCCAGAG
GAAGCCTCACCATTGACTTCTTCCCCCATCTCAGACATTAAGAGCCTGAATGCCTTT
GAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCGCGGTATAGCTGTTTCTGA
ACAGATCCCGGGTGGCATCCCTGTGACCCTCCCAGTGCCTCTCCTGGCCCTGGAAGTT
GCCACTCCAGTGCCCAACAGCCTTGCTTAATAAAATTAAGTTGCATCATTTTGTCTGAC
TAGGT
```



[View online »](#)

3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004182 unedited NCCTTTACTCTGGACCCGCGCCGCATNCTAGNGATCGGTTTTTTTTTTTTTTTTTCAA AGGCTTCAGGCTCTTTAATGTCTGAGGATGGGGGAAGAAGTCAATGGTGAGGCTTCTCT GGGAAATTCTGCAGGCCTTGTAGTTCTTAAGCCCCTCTAGCAACATGTGGATATGGGCT TTGATATTCATGGAGTCCTTGGTGAGGCTGTTGCTGAGCTCTGTGAGGAGAGAGCTCTTA CGATCAATGAACCTTGAGAGCTTCTGCCAGTGTCAACTCCAGGAAAAAACCATATCCCAGG GCCACATAGATGCGTGAAGTATCTGGGACCACTGTGTCAACGAAGAAGTTACAGCCCAA TCCACCTGCATATAACTCCGAGTGCTTAGCTTCTGGAGTCGCTCAATGACATTCTC AGTTGAAGGTATTTGGCCAGCTGCTCATATACCTTGTCTCGATGGTCCAGCACCTTTCGC AAGTCCCCTGCAGCACGTCACTGATGAAGGTCTCGTAGCGCAGCACTTCTCCCCCGTG GCCTCCACCGCCCGCTTAGGGGGCGTCGCCATGATGGGCTCCTCAGCCTCGTGCCGA ATTCGCGGCCGCCCTATAGTGAGTCGTATTACAAAATTCTGACGGTTCATAACGAGCT CTGCTTATATAGACCTCCACCGTACACGCCTACCGCCATTTGCGTCAACGNGCGGGG TTATTACGACATTTGGAAAGTCCCGTTGATTTTGTGCCAAAACAACTCCCATTGACG TCAATGGGGTGGAGACTTGGNAAATCCCGTGAGTCAAACCCGCTACCAGCCCATTTGG NTGTAAGTCCCAAACCGCATCACCATGGGTATAGCGATGACTAATACGTANATGACTTG CCAGTAGGAAAAGCCCGTAAGGTCACTGACTGGCCATATTGCCAGCGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004182
Insert Size:	560 bp
OTI Disclaimer:	<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 custsupport@origene.com 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. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_004182.2 , NP_004173.1
RefSeq Size:	575 bp

RefSeq ORF: 474 bp

Locus ID: 8409

UniProt ID: [Q9UBK9](#)

Cytogenetics: Xp11.23

Domains: DUF232

Protein Families: Druggable Genome

Gene Summary: 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]

Transcript Variant: This variant (2) differs in the 5' UTR and initiates translation at a downstream, in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.