

Product datasheet for **SC320221**

TOR3A (NM_022371) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TOR3A (NM_022371) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOR3A
Synonyms:	ADIR; ADIR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_022371.3
 GGCACGAGGCTAGGCCGGCAGCCGGATGGTCCCAGCTCGGGCCGGCCATGCTTCGGG
 GTCCGTGGCGCCAGCTTTGGCTCTTTCTCCTGCTGCTGCCCGGGCGCGCCTGAGCCCC
 GCGGGCCTCCAGGCCGTGGGAGGGAACCGACGAGCCGGGCTCGGCCTGGGCCTGGCCGG
 GCTTCCAGCGCCTGCAGGAGCAGCTCAGGGCGCGGGTGCCTCTCCAAGCGGTACTGGA
 CGCTCTTACAGTCCAGGTGTGGCCGACGACTGTGACGAGGACGAGGAGGCAGCCACGG
 GGCCCTGGGCTGGCGCCTTCTCTGTTGGCCAGCGGTACCTGGACCTCCTGACCACGT
 GGTACTGCAGCTTCAAAGACTGCTGCCCTAGAGGGGATTGCAGAATCTCCAACAACCTTA
 CAGGCTTAGAGTGGACCTGAATGTGCGCTGCATGGCCAGCATTGGTCCAGCAGCTGG
 TCCTAAGAACAGTGAGGGGCTACTTAGAGACGCCCCAGCCAGAAAAGGCCCTTGCTCTGT
 CGTTCCACGGCTGGTCTGGCACAGGCAAGAACTTCGTGGCACGGATGCTGGTGGAGAACC
 TGTATCGGGACGGGCTGATGAGTACTGTGTGAGGATGTTTCATCGCCACGTTCCACTTTC
 CTCACCCCAAATATGTGGACCTGTACAAGGAGCAGCTGATGAGCCAGATCCGGGAGACGC
 AGCAGCTCTGCCACCAGACCCTGTTTCATCTTCGATGAAGCGGAGAAGCTGCACCCAGGGC
 TGCTGGAGGTCTTGGGCCACACTTAGAACGCCGGGCCCTGAGGGCCACAGGGCTGAGT
 CTCATGGACTATCTTTCTGTTTCTCAGTAATCTCAGGGCGGATATAATCAATGAGGTGG
 TCCATAAGTTGCTCAAGGCTGGATGGTCCCAGGAAAGAAATTACGATGGAACACCTGGAGC
 CCCACCTCCAGGCGGAGATTGTGGAGACCATAGACAATGGCTTTGGCCACAGCCGCTTGTG
 TGAAGGAAAACCTGATTGACTACTTCATCCCCTTCTGCCTTTGGAGTACCGTCACGTGA
 GGCTGTGTGCACGGGATGCCTTCTGAGCCAGGAGCTCCTGTATAAAGAAGAGACTGG
 ATGAAATAGCCCAGATGATGGTGTATGTCCCAAGGAGGAACAACTCTTTTCTTCCCAGG
 GCTGCAAGTCTATTTCCAGAGGATTAATACTTCTGTGATGAAGGCTAGAGGAAGACT
 TCCTGGAACCTGCCTTTTCCACTAACAGGACCCTGGGACCTGTAGGAGCACCCCGTTTG
 GGACTGTGAGGTGTTTGGGGTGTGGACTGGCATCCAGCAGCCACTAACAAACACACAAC
 TGGTGTGTAAAAGGCAGGCCTTACATTAGAAGCCAAGCCAATCCTTTTTCTTTTTTTTGG
 AGGTCCCACCGAGATAGATAGATAGGAACCTGGATTGCTGAATTCAAAAACAGAGCCAT
 TCTTAAGATCACTTGGTGCCTTAAAGACACGCATTCCAAAGTGAATGTGGTTGAAGAAA
 GTGGGCCAGGTGGTTGAAGAAAGCCATGTGGGAGCTCAGCAAATCCCAAGGGCTATTAT
 GACTCCAGATGGTCTCCTTAGCATCTCAGCTCTTCTGCAAGGAAGAGCTTGGGTGTTA
 GGCCTCAGAGGCTGTAGGTCTTGGGTTACAGAGCCGGGAGAACGAAGTCTGTGACC
 CAGGGGTGGAGAATACACTCTAGTTTTCGGGGCTGGTGGGCTTTCAAATGGTACTTCCA
 GAGGAAAGCCAAGCTGCTTCTGTTGTGAGCGAATCAGCCAAGAGCCTGAGGCTGAAGGGA
 AAAGTACACAGAGGAAGATATTTTACAACCAGGTGAGTGTAGGCCAAGACTTATGGTCT
 ACAGATTTTGGCGGGGAGGGGGACCTTTTCAAAGACAATAGGGGGTCTTGACATGTTT
 GTTGATGTAAAGATGATAAGATTAATAATTTTGTATTTTCTAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_022371

OTI Disclaimer: 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.

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](#)

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:

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_022371.3](#), [NP_071766.2](#)

RefSeq Size: 2138 bp

RefSeq ORF: 1194 bp

Locus ID: 64222

UniProt ID: [Q9H497](#)

Cytogenetics: 1q25.2