

Product datasheet for **SC215227**

TTC3 (NM_003316) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TTC3 (NM_003316) Human 3' UTR Clone
Symbol:	TTC3
Synonyms:	DCRR1; RNF105; TPRDIII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003316
Insert Size:	1574 bp



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Insert Sequence: >SC215227 3'UTR clone of NM_003316
The sequence shown below is from the reference sequence of NM_003316. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGAGCTGCCTTCCTGCTCTTCTAGGAGTCACACTTCACTAAAGTGTCATCCACCAAGTGTGTTGAAT
CCGAAGAATGACAATTTTCTACCACTGGTGTAACAAACAAACATTTGAAGACCCTTGTGCATTGTGTGT
CACAAAGCTAAATACATGGAAATCGTTAATATCGCTGATTAAGTAATTTCCCACTCTGAGTGAATA
CTTTGATGATTGCCAACAGTGGCTAATAAAATGACGGCTACCACACTCATGGGCTACTGGGGCTGCGCA
GGGCTCTTTGAGTGGTGGCTTCTTTTGGAAAGTACTATGAACGTCTCGAAGCAGTATTCTAGTGATA
AGAATTCTTAACATAGCCAAGCGCCACGTTTGTTCACGTTTGTTCCTTTTCTGTTGAAAAA
CCTGTTCTGGTAGCTCCACAAGAGAGATGATACTGACTTTTTAAATTTTTACAAGAGTCTGTATTCCT
GATATGCCTATATTTTCTCAAAGATTCTGCATTTTAAGGATGGGCATAAGCAAATATATTTTAATA
ATTTATAGTTAATGTTAAATATTGGCTGATTTAGACCAAAAGATTCAAATCTCCTCTTTGTGAATCC
CATCTGCATTTGATTTTTATTATTTATGTTCCCGCTTAGATTGTTTTAAGTGTGTTGCTTTTCATCT
TTTATAGATGTAATCTGATTTTCAAAATCATTAACTTTTTAATTAGTATCGACTAAGACTTTTTCC
CCCTGGAATCGAGGCTGTGTGTCGCTATCCAGCCCCCGGTTGGAGCCTGCTCTTTGAAGTCCGCTGC
CTTCCTTAGCAGCTTCTGTCTCTTCTGTGAGTCAGTCAGCGAGTGCTTGGGATCCGCATCCAGCCGTG
CTGAGCACACAACAGGCTGTGTGTTGAAATGGCCACCACCATTCTCCTCCCCACCCACCACAAAAAG
AGAAGCTGTGTCTTTAGACAACCCTGAGGTATCTGTGTTACAATCGTTCTGTGTTGATATTTGTGTAA
AGTATGCATGCAGTCTTGACTGTGACCTAAGAACAAACTGTAAGTGCATTAGAAACCATGAAAAAT
TAGATATTGTTTTGTGACTTTTAGACAGTGGTAAATATAGAACCATGAATTCTGGTCACATTCCATTTC
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AGTTTATGAGCTGATTTGGTCACCTTCCTCTGCCTTTGTTCACTGTGAGTTCTGATGTCTTAGTGACTT
AGTTCTTAGAAGCTCACGCCTTAGTTTGAACAGATTCTCCACGGTGGTCCCCAAACACTGTCTGCAT
ATCCATAAGAATTGAGCGCTATGGGTGTTAACGTGCATGAGGATCAGTTTGCAGCAGCAAGTACAAAAG
GAGAAGAGGAACATCCGTTGAATGAGTGTGTTTTGTACATAACTTCAGATACTTGTGAACATGCCTTAT
ATTTGTCCAACAACTGTCAGAATAAAGAACATTCTAAATGAGAAGTTCAGTGTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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_003316.4

Summary:	E3 ubiquitin-protein ligase that mediates the ubiquitination and subsequent degradation of phosphorylated Akt (AKT1, AKT2 and AKT3) in the nucleus. Acts as a terminal regulator of Akt signaling after activation; its phosphorylation by Akt, which is a prerequisite for ubiquitin ligase activity, suggests the existence of a regulation mechanism required to control Akt levels after activation. Catalyzes the formation of 'Lys-48'-polyubiquitin chains. May play a role in neuronal differentiation inhibition via its interaction with CIT.[UniProtKB/Swiss-Prot Function]
Locus ID:	7267
MW:	60