

Product datasheet for **SC215226**

TTC3 (NM_001001894) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TTC3 (NM_001001894) Human 3' UTR Clone
Symbol:	TTC3
Synonyms:	DCRR1; RNF105; TPRDIII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001001894
Insert Size:	1563 bp



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Insert Sequence:	>SC215226 3'UTR clone of NM_001001894 The sequence shown below is from the reference sequence of NM_001001894. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGGAGCTGCCTTCTGCTCTTCTAGGTAGTCACACTTCACTAAAGTGTCATCCACCAAGTGTGTTGAAT CCGAAGAATGACAATTTTCTACCACTGGTGTAACAAACAAACATTTGAAGACCCTTGTGCATTGTGTGT CACAAAGCTAAATACATGGAAATCGTTAATATCGCTGATTAAGTAATTTCCCACTCTGAGTGAATA CTTTGATGATTGCCAACAGTGGCTAATAAAATGACGGCTACCACACTCATGGGCTACTGGGGCTGCGCA GGGCTCTTTGAGTGGTGGCTTCTTTTGGAAAGTACTATGAACGTCTCGAAGCAGTATTCTAGTGATA AGAATTCTTAACATAGCCAAGCGCCACGTTTGTTCACGTTTGTTCCTTTTCTGTTGAAAAA CCTGTTCTGGTAGCTCCACAAGAGAGATGATACTGACTTTTTAAATTTTTACAAGAGTCTGTATTCTT GATATGCCTATATTTTCTCAAAGATTCTGCATTTTAAGGATGGGCATAAGCAACTATATTTTAATA ATTTATAGTTAATGTTAAATATTGGCTGATTTAGACCAAAAGATTCAAATCTCCTCTTTGTGAATCC CATCTGCATTTGATTTTTTATTATTTTATGTTCCCGCTTAGATTGTTTTAAGTGTGTTGCTTTTCATCT TTTATAGATGTAATCTGATTTTCAAAATCATTAACTTTTTAATTAGTATCGACTAAGACTTTTTCC CCCTGGAATCGAGGCTGTGTGTCCTCATCCAGCCCCCGGTTGGAGCCTGCTCTTTGAAGTCCGCTGC CTTCCTTAGCAGCTTCTGTCTCTTCTGTGAGTCAGTCAGCGAGTGCTTGGGATCCGCATCCAGCCGTG CTGAGCACACAACAGGCTGTGTGTTGAAATGGCCACCACCATTCTCTTCCCCACCCACCACAAAAAG AGAAGCTGTGTCTTTAGACAACCTGAGGTATCTGTGTTACAATCGTTCTGTGTTGATATTTGTGTAA AGTATGCATGCAGTCTTGACTGTGACCTAAGAACAACTGTAAGTGCATTAGAAACCATGAAAAAT TAGATATTGTTTTGTGACTTTTAGACAGTGGTAAATATAGAACCATGAATTCTGGTCACATTCCATTTC TCTCAACATGAAGGATCAAAAAATGTTTTCAATGTGTTCTTTGTTCCACTGGAACCTAGAGTCATG AGTTTATGAGCTGATTTGGTCACCTTCTCTGCTTTGTTCACTGTGAGTTCTGATGTCTTAGTGACTT AGTTCTTAGAAGCTCACGCTTAGTTTGAACAGATTCTCCAGGTGGTCCCCAAACACTGTCTGCAT ATCCATAAGAATTGAGCGCTATGGGTGTTAACGTGCATGAGGATCAGTTTGCAGCAGCAAGTACAAAAG GAGAAGAGGAACATCCGTTGAATGAGTGTGTTTGTACATAACTTCAGATACTTGTGAACATGCCTTAT ATTTGTCCAACAACTGTCAGAATAAAGAACATTCTAAAATGAGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_001001894.3</u>

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:	59.7