

## Product datasheet for **SC214309**

### **TNIK (NM\_001161566) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	TNIK (NM_001161566) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TNIK
Synonyms:	MRT54
ACCN:	NM_001161566
Insert Size:	2000 bp



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**Insert Sequence:** >SC214309 3'UTR clone of NM\_001161566  
 The sequence shown below is from the reference sequence of NM\_001161566. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCAACAGAAATTCCATGATGAACTGGTAAACAGAAGAGCACTTGGCACTTATCTTCATGGCCTTATTTTC
TAATTTAAAAGAACATAACTCATGTGGACTTATGCCAGTCTAGAGGCAGAATCAGAAGGCTTGGTTGAA
CATATCGCTTTCCCTTTTTCTCTCCCTCCGCCCTCCAGTACAGTCCATCTTTCAATGTTGCAGCCT
GGTTGAGAAGGAGAGAAAAAGGTGGCAGGAATTTCCAGGAGATCCCAAGAATGCTGCCTTGTCTGTGG
ACAAAGATGGACCATGTGCCCTTCGGAATTAGGGATAGAAACAAATATTGTGTCTTAAACGATTAAG
CTGTGTTATGGTGGGTTTTACGTTTTTTACCTTTTTCTTACCCTTTACTCTGCAAGAATGGGGAAA
GAATGCATACTGCGAAAAAGAGTCTTTAAATTCTGTCTGCCTACTAGTTTTAAGTATATGGTATGTTG
TAAAATTTCCAATGATGAGAGACAGCACATAAATGTACCTTATCTCCTTAGGCTGAAGGCCATAACTA
CATAGTGGAGTAATTTAAGAACTCTTTCGCTTACCAACCCAAAAGGTTGCTTTTTGATAGCAACTGG
CTAATGAATTTTTAAAAGAGAAGAAAAATACTAGTTTTCCCTCTTTGGGAAATAGATTTAAATGG
CTAAACTACTAGCCTTAAACTACTAGTCTAATAAAATCAACTACCCTTTGTGAATCTGACAGGCCA
CATTTTTATATGGCCCTTACAGAAATGGAGTGTGTTGAACAGGATACTAACGCCATTGAGTTGAGCTGG
CCTAGCGATGGAGGGACACTCTAACACAACCTTTCCCTCAGCTATTATGCAACAGATCAGGGAAAAAGAT
GGGATGACAGATGGGGTCAGACAGAAAGAGCTTCTGGGAAACAAGCTTACATAGTCTTTTTTAAATGC
ACAAAGCTCCAGCTAAGAGGTCACCTTGGTTTTGGCTTATTAGGACTGAGACTTTGTTGAGTTCTTT
CTGGGACTTGGAGAGTGGATGATATTAGGCTCTGAACATTTCCAGCGCTCTCCCGAGGGTGCCACTTT
CTCAAGATGAAAACGTGACTGAAAAAATTAATAATAAATGTTTCTGAGCTGCCTGTGTTCTCCCTGTG
TGGGTGAGAGAAGGGACTAGACTCCTAAGCCTGCCTCAGATACAAGGGCATCATTGGCTCCAATTTTA
GAGAACTTGAAGCAAGGCTTTGGACAAAATTTGAGACCCTAATCACTTTACCTTCCCAAATACC
CAACATACGGTAAACAACATTTGTGCAGAAGTATGTATGATTTAGTTTACAGGTTGACTTGTGTCCTTAT
AAACTCTACTCAATGATTTGAACTTTTATGCGACTGGGATTTTTTTTTTCAAAGCTACAAGCATGG
CCGCTGTGGTATCGAGGTGTTGCAAACAATATCTGTGTTGCGCTTCTGTTTTAACCTACCTCGTTTT
GTTTGTTTTTGTTTCACTGTTTATCACAGCAGTGTATCTCCAGGAGACATATAGAGAGCTCAACCGGC
AATCTCAGGTGCATTTAACATTTTTAAAACGAAACAGTAGTTGACCAAATTTTTCTTCTTAAAAAATTG
GAAGTGGGGGAATCCAATGACAAAAACTAATGTGGCTTGTCTGGAGAAAATAATTACTGTAAATGG
AACAAACAACAACAAAAAACTACGATCTTACTGACTTTGCCTAAATACACAAGCAGCTGATGACTAT
TAATGAGAACGAAATACACATTAGGAAAATGGAGCCATTTCAATCTAGTGGTTTGGGCAAGATGGGGAA
GAGAAGGGGAAACATTCTAGTTTCTGGATTACATTATTATGCCCTCCTGAAAAGGTGGTTGTCATTTG
CATTTATTTAAAGCAGTAATATGCAGGAATGTAAGTACTGAGGATTATCTTCCAGGCAATCAGCAAGAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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\\_001161566.3](#)

**Summary:** Wnt signaling plays important roles in carcinogenesis and embryonic development. The protein encoded by this gene is a serine/threonine kinase that functions as an activator of the Wnt signaling pathway. Mutations in this gene are associated with an autosomal recessive form of cognitive disability. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2017]

**Locus ID:** 23043

**MW:** 77.6