

## Product datasheet for **SC214308**

### **TNIK (NM\_001161565) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	TNIK (NM_001161565) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TNIK
Synonyms:	MRT54
ACCN:	NM_001161565
Insert Size:	2000 bp



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**Insert Sequence:** >SC214308 3'UTR clone of NM\_001161565  
 The sequence shown below is from the reference sequence of NM\_001161565. 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
CTGTGTTATGGTGGGTTTTACAGTTTTTACCTTTTTCTTACCCTTTACTCTGCAAGAATGGGGAAA
GAATGCATACTGCGAAAAATGAGTCTTTAAATTCTGTCTGCCTACTAGTTTTAAGTATATGGTATGTTG
TAAATTTCCAATGATGAGAGACAGCACAATAAATGTACCTTATCTCCTTAGGCTGAAGGCCATAACTA
CATAGTGGAGTAATTTAAGAACTCTTTCGCTTACCAACCCAAAAGGTTGCTTTTTGATAGCAACTGG
CTAATGAATTTTTAAAAGAGAAGAAAAATACTAGTTTTCCCTCTTTGGGAAATAGATTTAAATGG
CTAAACTACTAGCCTTAAACTACTAGTCTAATAAAATCAACTACCCTTTGTGAATCTGACAGGCCA
CATTTTTATATGGCCCTTACAGAAATGGAGTGTGTTGAACAGGATACTAACGCCATTGAGTTGAGCTGG
CCTAGCGATGGAGGGACACTCTAACACAACCTTCCCTCAGCTATTATGCAACAGATCAGGGAAAAAGAT
GGGATGACAGATGGGGTTCAGACAGAAAGAGCTTCTGGGAAACAAGCTTACATAGTCTTTTTTAAATGC
ACAAAGCTCCAGCTAAGAGGTCACCTGGTTTTGGGCTTATTAGGACTGAGACTTTGTTGAGTTCTTT
CTGGGACTTGGAGAGTGGATGATATTCAGGCTCTGAACATTTCCAGCGCTCTCCCGAGGGTGCCACTTT
CTCAAGATGAAAACGTGACTGAAAAAATTAATAATAAATGTTTCTGAGCTGCCTGTGTTCTCCCTGTG
TGGGTGAGAGAAGGGACTAGACTCCTAAGCCTGCCTCAGATACAAGAGGCATCATTGGCTCCAATTTTA
GAGAACTTGAAGCAAGGCTTTGGACAAAATTTGAGACCCTAATCACTTTACCTTCCCAAAATACC
CAACATACGGTAAACAACATTTGTGCAGAAGTATGTATGATTTAGTTCCAGGTTGACTTGTGTCCTTAT
AAACTCTTACTCAATGATTTGAACTTTTATGCGACTGGGATTTTTTTTTTCCAAAGCTACAAGCATGG
CCGCTGTGGTATCGAGGTGTTGCAACAATATCTGTGTTGCGCTTCTGTTTTAACCTACCTCGTTTT
GTTTGTGTTTTGTTTCACTGTTTCATCACAGCAGTGTATCTCCAGGAGACATATAGAGAGCTCAACCGGC
AATCTCAGGTGCATTTAACATTTTTAAAACGAAACAGTAGTTGACCAATTTTTCTTCTTAAAAAATTG
GAAGTGGGGGAATCCAATGACAAAAACTAATGTGGCTTGTCTGGAGAAAATAATTACTGTAAATGG
AACAAACAACAACAAAAAACTACGATCTTACTGACTTTGCCTAAATACACAAGCAGCTGATGACTAT
TAATGAGAACGAAATACACATTAGGAAAATGGAGCCATTTCAATCTAGTGGTTTGGGCAAGATGGGGAA
GAGAAGGGGAAACATTCTAGTTTCTGGATTACATTATTATGCCCTCCTGAAAAGGTGGTTGTCATTTG
CATTTATTTAAAGCAGTAATATGCAGGAATGTAAGTACTGAGGATTATCTTCAGGCAATCAGCAAGATAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACC GCCCCTTCTATGAAAGG
  
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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\\_001161565.3](#)

**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