

## Product datasheet for **SC214313**

### **TNIK (NM\_001161560) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	TNIK (NM_001161560) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TNIK
Synonyms:	MRT54
ACCN:	NM_001161560
Insert Size:	2000 bp



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**Insert Sequence:** >SC214313 3'UTR clone of NM\_001161560  
 The sequence shown below is from the reference sequence of NM\_001161560. 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
CTCAACAGAAATTCCATGATGAACTGGTAAACAGAAGAGCACTTGGCACTTATCTTCATGGCCTTATTTC
TAATTTAAAAGAACATAACTCATGTGGACTTATGCCAGTCTAGAGGCAGAATCAGAAGGCTTGGTTGAA
CATATCGCTTTCCCTTTTTCTCTCCCTCCGCCCTCCAGTACAGTCCATCTTCAATGTTGCAGCCT
GGTTGAGAAGGAGAGAAAAAGGTGGCAGGAATTTCCAGGAGATCCCAAGAATGCTGCCTTGTCTGTGG
ACAAAGATGGACCATGTGCCCTTCGGAATTAGGGATAGAAACAAATATTGTGTGCTTTAACGATTAAG
CTGTGTTATGGTGGGTTTTACAGTTTTTACCTTTTTCTTACCCTTTACTCTGCAAGAATGGGGAAA
GAATGCATACTGCGAAAAATGAGTCTTTAAATTCTGTCTGCCTACTAGTTTTAAGTATATGGTATGTTG
TAAATTTCCAATGATGAGAGACAGCACATAAATGTACCTTATCTCCTTAGGCTGAAGGCCATAACTA
CATAGTGGAGTAATTTAAGAACTCTTTCGCTTACCAACCCAAAAGGTTGCTTTTTGATAGCAACTGG
CTAATGAATTTTTAAAAGAGAAGAAAAATACTAGTTTTCCCTCTTTGGGAAATAGATTTAAATGG
CTAAACTACTAGCCTTAAACTACTAGTCTAATAAAATCAACTACCCTTTGTGAATCTGACAGGCCA
CATTTTTATATGGCCCTTACAGAAATGGAGTGTGTTGAACAGGATACTAACGCCATTGAGTTGAGCTGG
CCTAGCGATGGAGGGACACTCTAACACAACCTTCCCTCAGCTATTATGCAACAGATCAGGGAAAAAGAT
GGGATGACAGATGGGGTCAGACAGAAAGAGCTTCTGGGAAACAAGCTTACATAGTCTTTTTTAAATGC
ACAAAGCTCCAGCTAAGAGGTCACCTTGGTTTGGGCTTATTAGGACTGAGACTTTGTTGAGTTCTTT
CTGGGACTTGGAGAGTGGATGATATTCAGGCTCTGAACATTTCCAGCGCTCTCCCGAGGGTGCCACTTT
CTCAAGATGAAAACGTGACTGAAAAAATTAATAATAAATGTTTCTGAGCTGCCTGTGTTCTCCCTGTG
TGGGTGAGAGAAGGGACTAGACTCCTAAGCCTGCCTCAGATACAAGAGGCATCATTGGCTCCAATTTTA
GAGAACTTGAAGCAAGGCTTTGGACAAAATTTGAGACCCTAATCACTTTACCTTCTCCAAATACC
CAACATACGGTAAACAACATTTGTGCAGAAGTATGTATGATTTAGTTCAGGTTGACTTGTGTCCTTAT
AAACTCTACTCAATGATTTGAACTTTTATGCGACTGGGATTTTTTTTTTCCAAAGCTACAAGCATGG
CCGCTGTGGTATCGAGGTGTTGCAACAATATCTGTGTTGCGCTTCTGTTTTAACCTACCTCGTTTT
GTTTGTTTTTGTTTCACTGTTTCATCACAGCAGTGTATCTCCAGGAGACATATAGAGAGCTCAACCGGC
AATCTCAGGTGCATTTAACATTTTTAAAACGAAACAGTAGTTGACCAATTTTTCTTCTTAAAAAATTG
GAAGTGGGGGAATCCAATGACAAAAACTAATGTGGCTTGTCTGGAGAAAATAACTACTGTAATGG
AACAAACAACAACAAAAAACTACGATCTTACTGACTTTGCCTAAATACACAAGCAGCTGATGACTAT
TAATGAGAACGAAATACACATTAGGAAAATGGAGCCATTTCAATCTAGTGGTTTGGGCAAGATGGGGAA
GAGAAGGGGAAACATTCTAGTTTCTGGATTACATTATTATGCCCTCCTGAAAAGGTGGTTGTCATTTG
CATTTATTTAAAGCAGGTAATATGCAGGAATGTAAGTACTGAGGATTATCTTCAGGCAATCAGCAAGAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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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\\_001161560.3](#)

**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