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# Product datasheet for SC214310

## TNIK (NM_001161561) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | TNIK (NM_001161561) Human 3' UTR Clone |
| **Symbol:** | TNIK |
| **Synonyms:** | MRT54 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_001161561 |
| **Insert Size:** | 2000 bp |

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**Insert Sequence:**

>SC214310 3'UTR clone of NM_001161561
The sequence shown below is from the reference sequence of NM_001161561. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCAACAGAAATTCCATGATGAACTGGTAACAGAAGAGCACTTGGCACTTATCTTCATGGCGTTATTTC
TAATTTAAAAGAACATAACTCATGTGGACTTATGCCAGTCTAGAGGCAGAATCAGAAGGCTTGGTTGAA
CATATCGCTTTCCCTTTTTCCTCTCCCTCCGCCCCTCCCAGTACAGTCCATCTTTCAATGTTGCAGCCT
GGTTGAGAAGGAGAGAAAAAGGTGGCAGGAATTTCCAGGAGATCCCCAAGAATGCTGCCTTGTCTGTGG
ACAAAGATGGACCATGTGCCCTTCGGAATTAGGGATAGAAACAAATATTGTGTGCTCTTAACGATTAAG
CTGTGTTATGGTGGGTTTTCAGGTTTTTACCTTTTTTCTTTACCCCTTTACTCTGCAAGAATGGGGAAA
GAATGCATACTGCGAAAATGAGTCTTTTAAATTCTGTCTGCCTACTAGTTTTAAGTATATGGTATGTTG
TAAAATTTCCAATGATGAGAGACAGCACAATAAATGTACCTTATCTCCTTAGGCTGAAGGCCATAACTA
CATAGTGGAGTAATTTAAGAACTCTCTTGCCTTCACCAACCCAAAAGGTTGCTTTTTGATAGCAACTGG
CTAATGAATTTTTAAAAAGAGAAGAAAAATACTAGTTTTCCCCTCTTTTGGGAAATAGATTTTAAATGG
CTAAACTACTAGCCTTAAAACTACTAGTCTAATAAAATCAACTACCACTTTTGTGAATCTGACAGGCCA
CATTTTTATATGGCCCTTTACAGAATGGAGTGTGTTGAACAGGATACTAACGCCATTGAGTTGAGCTGG
CCTAGCGATGGAGGGACACTCTAACACAACTTTCCCTCAGCTATTATGCAACAGATCAGGGAAAAAGAT
GGGATGACAGATGGGGTCAGACAGAAAGAGCTTCTGGGAAACAAGCTTACATAGTCTTTTTTAAAATGC
ACAAAGCCTCCCAGCTAAGAGGTCACTTGGTTTGGGCTTCATTAGGACTGAGACTTTGTTGAGTTCTTT
CTGGGACTTGGAGAGTGGATGATATTCAGGCTCTGAACATTCCCAGCGCTCTCCCGAGGGTGCCACTTT
CTCAAGATGAAAACTGTGACTGAAAAAATTAATAATAAATGTTTCTGAGCTGCCTGTGTTCTCCCTGTG
TGGGTGAGAGAAGGGACTAGACTCCTAAGCCTGCCTCAGATACAAGAGGCATCATTGGCTCCAATTTTA
GAGAACTTGAAAGCAAGGCTTTGGACAAAATTTTGAGACCCTAATCACTTTACCTTCCTCCAAATTACC
CAACATACGGTAAACAACATTTGTGCAGAAGTATGTATGTATTTAGTTCAGGTTGACTTGTGTCCTTAT
AAACTCTTACTCAAATGATTTGAACTTTTATGCGACTGGGATTTTTTTTTTCCAAAGCTACAAGCATGG
CCGCCTGTGGTATCGAGGTGTTGCAAACAATATCTGTGTTGCGCTTCCTGTTTTAACCTACCTCGTTTT
GTTTGTTTTTGTTTCACTGTTCATCACAGCAGTGTTATCTCCAGGAGACATATAGAGAGCTCAACCGGC
AATCTCAGGTGCATTTAACATTTTTAAAACGAAACAGTAGTTGACCAAATTTTTCTTCTTAAAAAATTG
GAAGTGGGGGGAATCCAATGACAAAAACTAATGTGGCTTGTTTCTGGAGAAAATAATTACTGTAAATGG
AACAACAACAACAAAAAAAACTACGATCTTACTGACTTTGCCTAAATACACAAGCAGCTGATGTACTAT
TAATGAGAACGAAATACACATTAGGAAAATGGAGCCATTTCAATCTAGTGGTTTGGGCAAGATGGGGAA
GAGAAGGGGAAACATTCTAGTTTCTGGATTACATTATTATGCCCCTCCTGAAAAGGTGGTTGTCATTTG
CATTTATTTAAAGCAGGTAATATGCAGGAATGTAACTGAGGATTATCTTCAGGCAATCAGCAAGATAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**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_001161561.3

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| **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 |

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