

Product datasheet for **SC214314**

TNIK (NM_001161563) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | TNIK (NM_001161563) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | TNIK |
| Synonyms: | MRT54 |
| ACCN: | NM_001161563 |
| Insert Size: | 2000 bp |



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|---------------------------|--|
| Insert Sequence: | <p>>SC214314 3'UTR clone of NM_001161563 The sequence shown below is from the reference sequence of NM_001161563. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCAACAGAAATTCCATGATGAACTGGTAAACAGAAGAGCACTTGGCACTTATCTTCATGGCCTTATTTC TAATTTAAAAGAACATAACTCATGTGGACTTATGCCAGTCTAGAGGCAGAATCAGAAGGCTTGGTTGAA CATATCGCTTTCCCTTTTTCTCTCCCTCCGCCCTCCAGTACAGTCCATCTTCAATGTTGCAGCCT GGTTGAGAAGGAGAGAAAAAGGTGGCAGGAATTTCCAGGAGATCCCAAGAATGCTGCCTTGTCTGTGG ACAAAGATGGACCATGTGCCCTTCGGAATTAGGGATAGAAACAAATATTGTGTCTTAAACGATTAAG CTGTGTTATGGTGGGTTTTACGTTTTTACCTTTTTCTTACCCTTTACTCTGCAAGAATGGGGAAA GAATGCATACTGCGAAAAAGAGTCTTTAAATTCTGTCTGCCTACTAGTTTTAAGTATATGGTATGTTG TAAATTTCCAATGATGAGAGACAGCACAATAAATGTACCTTATCTCCTTAGGCTGAAGGCCATAACTA CATAGTGGAGTAATTTAAGAACTCTTTCGCTTACCAACCCAAAAGGTTGCTTTTTGATAGCAACTGG CTAATGAATTTTTAAAAGAGAAGAAAAATACTAGTTTTCCCTCTTTGGGAAATAGATTTAAATGG CTAAACTACTAGCCTTAAACTACTAGTCTAATAAAATCAACTACCCTTTGTGAATCTGACAGGCCA CATTTTTATATGGCCCTTACAGAAATGGAGTGTGTTGAACAGGATACTAACGCCATTGAGTTGAGCTGG CCTAGCGATGGAGGGACACTCTAACACAACCTTCCCTCAGCTATTATGCAACAGATCAGGGAAAAAGAT GGGATGACAGATGGGGTCAGACAGAAAGAGCTTCTGGGAAACAAGCTTACATAGTCTTTTTTAAATGC ACAAAGCTCCAGCTAAGAGGTCACCTTGGTTTTGGCTTATTAGGACTGAGACTTTGTTGAGTTCTTT CTGGGACTTGGAGAGTGGATGATATTCAGGCTCTGAACATTCAGGCTCTCCCGAGGGTGCACCTTT CTCAAGATGAAAACGTGACTGAAAAAATTAATAAATAATGTTTCTGAGCTGCCTGTGTTCTCCCTGTG TGGGTGAGAGAAGGGACTAGACTCCTAAGCCTGCCTCAGATACAAGAGGCATCATTGGCTCCAATTTTA GAGAACTTGAAGCAAGGCTTTGGACAAAATTTGAGACCCTAATCACTTTACCTTCCCTCAAATACC CAACATACGGTAAACAACATTTGTGCAGAAGTATGTATGATTTAGTTCAGGTTGACTTGTGTCCTTAT AAACTCTTACTCAATGATTTGAACTTTTATGCGACTGGGATTTTTTTTTTCAAAGCTACAAGCATGG CCGCTGTGGTATCGAGGTGTTGCAAACAATATCTGTGTTGCGCTTCTGTTTTAACCTACCTCGTTTT GTTTGTTTTTGTTTCACTGTTTCATCACAGCAGTGTATCTCCAGGAGACATATAGAGAGCTCAACCGGC AATCTCAGGTGCATTTAACATTTTTAAAACGAAACAGTAGTTGACCAAATTTTTCTTCTTAAAAAATTG GAAGTGGGGGAATCCAATGACAAAAACTAATGTGGCTTGTCTGGAGAAAATAATTACTGTAAATGG AACAAACAACAACAAAAAACTACGATCTTACTGACTTTGCCTAAATACACAAGCAGCTGATGTACTAT TAATGAGAACGAAATACACATTAGGAAAATGGAGCCATTTCAATCTAGTGGTTTGGGCAAGATGGGGAA GAGAAGGGGAAACATTCTAGTTTCTGGATTACATTATTATGCCCTCCTGAAAAGGTGGTTGTCATTTG CATTTATTTAAAGCAGGTAATATGCAGGAATGTAAGTACTGAGGATTATCTTCCAGGCAATCAGCAAGAT ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre> |
| 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_001161563.3</u> |

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