

## Product datasheet for **SC217325**

### TrkC (NTRK3) (NM\_001007156) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TrkC (NTRK3) (NM_001007156) Human 3' UTR Clone
Symbol:	TrkC
Synonyms:	gp145(trkC); GP145-TrkC; TRKC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001007156
Insert Size:	2000 bp



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**Insert Sequence:** >SC217325 3'UTR clone of NM\_001007156  
 The sequence shown below is from the reference sequence of NM\_001007156. 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
TATTTTCAGCAAAGGACGTCATGGCTTTTAAAACTCCTTTAAGCCTCCTTGTTTTGATGTCACCTTGG
TAGGCTGGGCCCTCTGAGAGGTTGGAAGCTCTAGGCATTGTTCTTTGGATCCAGGGATGCTAAGTAG
AAACTGCATGAGCCACCAGTGCCCGGCACCCTTAAACACCACCAGATGGGTGTTTTCCCCCATCCACC
ACTGGCAGGGTTGCCCTTCCCTCCAATCATCACTGTGCTCCTTTTTCCCGCCTACGAGGCAGCTCC
TGCCACTATCTTTAGAGCCAATAAAGAGAATAAAAACCTGTGCACCAGGAGCATCTTTAAATACACT
AGCCATTCTCTTGCTTTACAAAAACAACCTAACCATCACAAAGAAAGCCTGATGAAGTCCAGCCGTGCTC
CAGCCTCACTTTCCCTGCTTGAAGCGTGGGGTCTCCCTGGCTCTCCAGGATACCATGTGCTCCTCTT
AGTGACCTCGTCGCCCTGCAACCTCCAGTGGGGAAGAGTACAGAGAGCACCTAAGCAGAGGTGGAGAC
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AAACCAATCACTTTACATTTTTATTTTTATTTTCGGTGGAAAAATCATCCTTTTTTGGGACATACTTGC
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AGTTTTCTCAGGCTCTTCTGGGCCCTTAGATCTGCAGTTCGACAAGCTTTGGCTGCAGGAGGTTTTA
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AGCCCATGATCCCGGGATTGGCTCTTCCCTACTTCCACTTATTCTTGACTCTGAGAAGTTTTGGAA
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AGCCCTCTCATGGCACCAATGGAAGTGTCTCCTGTTCTGGTCAATATGTGTGTTTACTTTGCTTG
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TGATCCACTGAGGAGAGGGAAGGGGGTACTTTCCCTTCTCAGTAGGAAAGGCACATTTGTAGGGCCT
GAAACTCTCCCGTATTTGCTGACTATTGGTGGAGTAGACTTCTGGCTCCAGCTCCACTGGCCCATGG
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CTTCTTGGGTCTGTGGATGGTGGTCTCTCGTGCAGGATCCAGCCCGATTCTGCAAAATGCCTCCATG
GGGTTTTAAAAACATGAGGCTTTCAAGTCTTGCCAGTATCTGGGCAGCCTCCAGAGTATCACCTGG
GAGTTCAGGTTCTCTCCAGGGCTCCAGGTGTGTTTATCTCGCCCCCTCCAGCTCTCCTCATCCTGCT
CCCCATTGCTCCATGTCAGGCTGTTCCCATTTGTGCCCTGCTGATGCTTTGGGTCCAGGGCTCCTCCC
AAGTGTGGCTTTAAGGAGTAAGCTTGGAGTATGTTTTTAAATTATTGTAATCATTACCTCATTTC
AGCCTCCAGGCTCCATCCATCCAGCATCTTTTATTCTGCCATTTTCTCACCTTGTGCTATGACAAT
GGGGCGTTGTGTTCCACAGAGACTTATAGGAGTGTTCAGTGTATAGTTTCTTAATAAACTTTTATT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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\\_001007156.3](https://www.ncbi.nlm.nih.gov/nuccore/NM_001007156.3)

**Summary:**

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

**Locus ID:**

4916

**MW:**

73.1