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Product datasheet for SC208926

TNK1 (NM_003985) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	TNK1
Synonyms:	KOS1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003985
Insert Size:	688 bp

Insert Sequence:

>SC208926 3'UTR clone of NM_003985
The sequence shown below is from the reference sequence of NM_003985. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAGCCGCTATGTCCTGGCCAGGCCCTGAGCTCAGCTTCTGCGGGCACAGACACCAGCATGAAAAGCC
TAGGCCCCTGAGGGCCTGGCCACATGGGACCAAGCGGAACCAGAACAAGGTCCCGACAGGGGTAGACGT
TCCACCTGGGGAGATCCCACCTGCCGTAGGCACATGGAGGAGGAGCCCAGAGTTGGGCACTGGCAAATG
TCTCCTCCCTCCCATGCTCCTTGGCTTCTGAAGGCTGAAGCTCCTTTGGCTGGGCCAAGAAGGATCTAG
TCTGCCCACTACATTCTCAAACAAGAGGACTTGGAAGAAAAGAGCTGCTATACATCATATGCAGAGGAA
GCTTCTACGCGCTAGAGAGGATCAAGGGGCCACACTGGACCATGTGAACAGCCATCCTGAACTGCCATC
AGCTACCACACTGGACTCTGCAGGGCAGCCATCCTGGATGATGGAAGCCACCATATTGACTTGGGGTAT
AGGCCCAAACTGCCTTCGTTTGGTCCAGGGCCATCGTGGGTGATGACGATTGCTCTCTTGCACTCAAGG
ACATTTGATGCTGGTAGTATGGATTATGAGATGGACTAGCCCCTGCCCCAGCCCAGCTCTCACATTCCC
CTTTGTTTTTTCCCATACCAACTGCTTCTACCCTCCCCTATTACATACATCTTTCAATGTCCAAAAA
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).

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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_003985.6
Summary:	The protein encoded by this gene belongs to the tyrosine protein kinase family. Tyrosine protein kinases are important regulators of intracellular signal transduction pathways, mediating cellular proliferation, survival, and development. This gene is highly expressed in fetal tissues and at lower levels in few adult tissues, thus may function in signaling pathways utilized broadly during fetal development, and more selectively in adult tissues. It plays a negative regulatory role in the Ras-Raf1-MAPK pathway, and knockout mice have been shown to develop spontaneous tumors, suggesting a role as a tumor suppressor gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Locus ID:	8711
MW:	25.6