

Product datasheet for **RC226651**

TLK1 (NM_001136555) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLK1 (NM_001136555) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TLK1
Synonyms:	PKU-beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC226651 representing NM_001136555
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGTTTTATTCTTGTATGATTTGAAAACACTGGCAAGACACCGGAGAAGAAACAATCGGAATCAT
 CCAGGGGAAGAAAAGAGAAAAGCAGAAAACAGAAATGAAAGTAGTCAGGGAAAAAGTATTGGGGGACGTGG
 CCACAAAATTAGCGACTATTTTGAATACAGGGTGGAAATGGCTCAAGTCCAGTAAGAGGCATACCTCCT
 GCAATCCGTTCTCCTCAAAATTCACATTCACATTCCTCCTCCTCATCTGTTGACCGAATAGCCCTT
 CTCCTACTGCATTAGCATTTGGGGACCACCCTATTGTACAACCAAGCAATTATCCTTTAAAATTATTCA
 GACTGATCTCACAATGCTGAAATTAGCAGCATTAGAAAGTAATAAAATCCAGGACCTGGAAAAGAAGGAG
 GGACGTATAGATGATTTGCTCAGGGCTAACTGTGATCTCAGACGGCAAAATAGATGAACAACAAAAATTAC
 TTGAAAAATACAAAGAACGATTAATAAAGTGCATATCAATGAGCAAGAACTTCTTATTGAAAAGAGTAC
 ACAAGAAAAGCTGTCAAGCAGAGAGAAGAGTATGCAAGATCGATTACGCCTCGGGCACTTTACAACAGTT
 AGACATGGCGCTTCATTTACTGAACAATGGACAGATGGTTTTGCATTTTCAGAATCTTGTGAAGCAACAAG
 AATGGGTGAATCAGCAAAGGGAAGATATTGAAAGGCAAAGGAACTTCTAGCCAAACGCAAACTCCCAC
 AGCTAATAATTCTCAGGCACCCTCTACCAATTCTGAACCAAAAACAAAGGAAAAACAAAGCAGTCAATGGA
 GCAGAGAATGATCCCTTTGTTAGACCAAAATTTACCACAACCTGTTGACTTTGGCAGAATATCATGAACAGG
 AAGAAATTTTCAAACCTTAGACTAGGACATCTCAAAAAGGAAGAGGCAGAAATCCAGGCAGAACTTGAACG
 TTTGAAAAGAGTCAGAAATCTTCACATACGTGAGCTGAAAAGAATAACAATGAAGATAATTCACAGTTC
 AAAGATCACCAACATTAATGAAAGATATTTACTTTCATCTGCTTGGTAGAGGTGGCTTTAGTGAAG
 TGTATAAGGCTTTTGACCTTTATGAACAAAGATATGCTGCTGTGAAGATACATCAGCTTAATAAAAAGCTG
 GAGAGATGAGAAGAAAAGAAAACCTACCACAAACATGCCTGCAGAGAGTATAGAATACACAAAGAAGACTGGAT
 CACCCCAAGATAGTTAACTCTATGATTATTTCTCCTTGATACAGATACGTTTTGTACAGTGTTAGAAT
 ACTGTGAAGGCAATGACTTGGATTTCTATCTGAAGCAACACAAGTTAATGTGAGAGAAAGAAGCTCGGTC
 TATTGTAATGCAGATTGTAATGCACTAAGATATCTCAATGAGATCAAACCCCTATTATACATTATGAT
 CTTAAGCCAGGAAACATCCTACTGGTAGATGGAACAGCATGTGGTGAATCAAAATCACTGATTTTGGTC
 TGTCCAAGATTATGGATGATGATAGCTATGGTGTAGATGGAATGGATCTAACTCCCAGGGGGCAGGCAC
 TACTGGTATTTACCTCCTGAGTGTGTTTGTAGTTGGAAAAGAGCCACCAAAGATTTCCAACAAGGTTGAT
 GTATGGTTCGGTTGGAGTCATCTTTTTCAGTGTCTTTATGGTAGAAAGCCATTTGGTCACAATCAATCTC
 AACAAAGACATTCTCAAGAAAATACAATATTAAGCCACAGAAGTCCAGTTCCTGTAAAACCGGTTGT
 AAGCAGTGAAGCCAAGGCATTTATAAGACGCTGTTTGGCATATCGAAAAGAAGATCGATTTGATGTGCAC
 CAGCTGGCAAATGACCCATACCTTCTCCACACATGAGAAGATCAAAATCTTCAGGAAACCTACACATGG
 CTGGGCTGACAGCATCCCCTACACCCCTTCTTCAAGCATAATTACTTAC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001136555.2](#)

RefSeq ORF: 2013 bp

Locus ID: 9874

UniProt ID: [Q9UKI8](#)

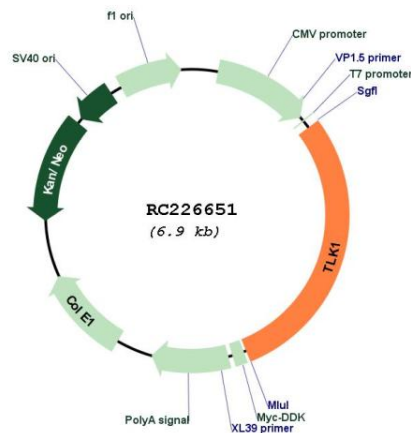
Cytogenetics: 2q31.1

Protein Families: Druggable Genome, Protein Kinase

MW: 76.9 kDa

Gene Summary: The protein encoded by this gene is a serine/threonine kinase that may be involved in the regulation of chromatin assembly. The encoded protein is only active when it is phosphorylated, and this phosphorylation is cell cycle-dependent, with the maximal activity of this protein coming during S phase. The catalytic activity of this protein is diminished by DNA damage and by blockage of DNA replication. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Product images:



Circular map for RC226651