

## Product datasheet for **RR209174**

### Tkt (NM\_022592) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tkt (NM_022592) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tkt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR209174 representing NM\_022592  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCCAGTGAGACAGATCCAGTGCACCGTGAAGGCAAACGCTTTCGGTTCCTCTCAGCTCCACCAG  
 CTTCCACGTCCTCGCCCGACCGGCCATGGAGGGTTACCATAAGCCAGATCAGCAGAAGCTCCAGGCCCT  
 GAAGGACACAGCCAATCGCTGCGCATCAGCTCCATCCAGGCCACCACCGCGCAGGCTCGGGACACCCC  
 ACATCATGCTGCAGCGCTGCCGAGATCATGGTGTCTGTCTTTTCCATACCATGCGCTACAAGGCCCTGG  
 ATCCCCGAAACCCTCACAATGATCGCTTGTGCTCTCCAAGGGCCATGCAGCTCCCATCTTATATGCAGT  
 CTGGGCTGAAGCTGGCTTCTGCCTGAGGCAGAGCTGCTGAACCTGAGGAAAATCAGCTCTGACTTGGAT  
 GGGCATCTGTCCGAAACAAGCCTTACCAGTGTGGCCACTGGTCCCTGGGCCAGGGGCTGGGAGCTG  
 CGTGCGGGATGGCATAACACAGGCAAATACTTCGACAAAGCCAGCTACCGAGTCTATTGCATGCTGGGAGA  
 CGGGGAGGTGTCCGAGGGCTCCGTTTGGGAGGCCATGGCCTTCGCTGGAATTTACAAGCTGGACAACCTC  
 GTTGCCATTTTTGACATCAACCGTCTGGGCCAGAGCGACCCAGCCCCGCTGCAGCACCAAGTGGAGCTCT  
 ACCAGAAGCGCTGTGAGGCCTTTGGCTGGCAGCCATCATCGTGGATGGGCACAGTGTGGAGGAGCTGTG  
 CAAGGCCCTTGGTCAAGCAAGCACCAACCAACAGCCATCATTGCCAAGACCTTCAAGGGCCGCGGGATC  
 ACAGGGATTGAAGACAAGGAGCGTGGCATGGGAAGCCCTCCCCAAAAACATGGCTGAGCAGATTATCC  
 AGGAGATTTACAGCCAGGTTTCAAGCAAAAAGAAGATCCTCGCCACGCCCCCTCAGGAGGATGCCCTTC  
 CGTGGACATTGCCAACATCCGAATGCCTACCCACCCAACTACAAAGTGGGGACAAGATAGCCACACGG  
 AAAGCCTATGGATTGGCCTTCCAAGCTGGGCCACGCCAGTACCAGTACATCGCCCTGGATGGAGACA  
 CCAAAAAATCCACCTTCTCAGAGCTCTTCAAAAAGGAGCACCCAGACCGTTTCATCGAGTGTACATTGC  
 TGAGCAGAACATGGTGAACATTGCTGTGGCTGTGCCACACGTGACAGGACAGTGCCTTCTGCAGCACT  
 TTTGCGGCCTTCTCACACGCGCTTCGACCAGATCCGCATGGCCGCATCTCCGAGAGCAACATCAACC  
 TTTGTGGCTCCCACTGCGGCGTGTCCATTGGGGAAGACGGGCCCTCGCAGATGGCCCTGGAAGACCTGGC  
 CATGTTTCGGTCCGTCCTATGTCCACCGTCTTTTACCCAAGTATGGAGTTGCCACAGAGAAGGCAGTG  
 GAATTAGCAGCCAATACAAAGGGCATCTGCTTCATTCCGACCAGCCGCCAGAAAATGCCATTATCTATA  
 GCAACAACGAGGATTTCCAGGTTGGCCAAGCCAAGGTGGTCTGAAGAGCAAGGACGACCAAGTACAGT  
 GATCGGGGCTGGCGTAACTCTGCAGGAGCTCTGGCTGCTGCAGAGATGTTGAAGAAAGAGAAGATCGGT  
 GTCGGTGTACTGGACCCCTTACCATCAAGCCCTGGACAAAAGCTCATTCTCGACTGTGCCAGAGCAA  
 CCAAAGGCAGGATCCTCACCGTGGAGGACCACTACTATGAAGGTGGCATAGGCGAGGCAGTATCTGCTGT  
 GGTAGTGGGCAACCTGGAGTCACAGTCACTCGCTGGCGGTACGCCAAGTACCACGAAGTGGGAAGCCA  
 GCTGAGCTGCTGAAGATGTTTGGTATTGACAAAGACGCCATTGTGCAAGCTGTGAAGGGCCTTGTACCA  
 AGGGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 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\\_022592.1](#), [NP\\_072114.1](#)

**RefSeq Size:** 2098 bp

**RefSeq ORF:** 1968 bp

**Locus ID:** 64524

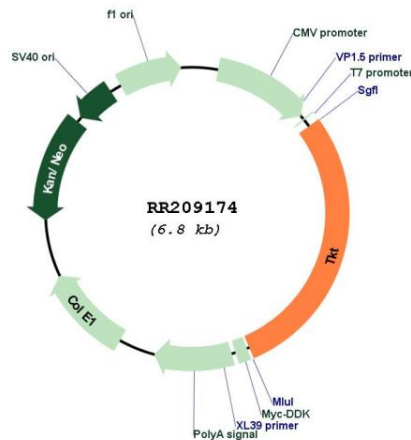
**UniProt ID:** [P50137](#)

**Cytogenetics:** 16p16

**MW:** 71.2 kDa

**Gene Summary:** human homolog is a key enzyme in the pentose-phosphate pathway and may be associated with Wernicke-Korsakoff syndrome [RGD, Feb 2006]

**Product images:**



Circular map for RR209174