

Product datasheet for **MC201232**

Tk2 (NM_021028) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tk2 (NM_021028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tk2
Synonyms:	AU024611; mt-TK
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019982 sequence for NM_021028
 CCGACGCGTGGGGGACTATGCTGCTGCGGTGCGTAGTTGGGCTGCCGGTCCCTGCGTAGCGTGGG
 CCCGGGGAGCTCCGGGAGCCCGGGAGCCTCGATTGCGGCGCCGGGCGCTGTGGGCACCTCGCCGCGCC
 TGGCCTCCGGATAAAGATAGAGAAAAATGATAAGGAGAAAAAGCAGTGGTTTGTATTGAGGGCAATATTG
 CAAGTGGGAAGACGACATGCCTGGAGTTCTTCTCCAATACAACAGACGTCGAGGTGTTAATGGAGCCTGT
 GCTCAAGTGGAGAAATGTCCATGGCCATAACCCCTGAGCCTCATGTACCATGATGCCAGCCGATGGGGC
 CTCACACTGCAGACGTACGTGCAGTCCACATGCTGGACCAGCACACGCGCCCTCAGATGTCACCTGTAC
 GGTGATGGAAAAGTCAATGTACAGCGCAAGATACATTTTTGTAGAAAACCTGTATAGAAGTGGGAAGAT
 GCCCGAGGTTGACTACGCGATTCTGTCTGAGTGGTTTACTGGATCGTCAGGAACATTGATGCTCTGT
 GATCTGATAGTTTATCTGCGAACCACTCCCGAAATCTGCTACCAGAGATTAAGATGAGGTGCCGGGAAG
 AGGAGAAAGTCATTCCGATGGAATACCTCCATGCTATTACCAGCCTCTACGAGGAGTGGCTGGTCAACGG
 GAGCCTCTCCAGCTGCAGCCCTGTTCTGGTATTGAGGCTGACCACAACCTGGAGAAAATGTTAGAA
 CTCTTTGAACAAAACGGGCCCGGATTAACCTCAGAGAACTGGAAGCATGGACCCTAGGACTGAGTGA
 TCTACAAGACAGCGCCAGGAACAGCCAGCCAGGGCCAGGTTAGCTGCTAGGAGCATTGGAAGAATCTA
 CTCTTAGGAGGCTGTTATCTAATCAGATCTATTTTCTCAATGGTCTTTTCACTGCAGTACAAATGGCT
 TTTGCTGTCAGATGCTTGCAGCATACATCCCTCCTGGTCCCTCCTGGTGGCTTCTTAACGATGAAGC
 CCTGTGTTAAAATCACTGACTGTATCCCTGGGGTGTCTGGATCCTCTGCATCAGGTCACCTCATGGGT
 GAGGGAGCAGTCTTCCACCCAGGCAAGGATTTGAAGCCAGAGAGGTGTGGGACTCGTCAAGCCAGAG
 CATTGTGGAGGGAGCTGGGACCATTCAGATACCTGGTTTGGGCTGCCTCCTCCTAAGCTGTTCCCCACCG
 CCCTGCTGCTCTGAGCACCAGCCCCGCTCTGTGAGAAGAGTGGACAGTTTGTGAATCCATCATCTTT
 CAGTACCGGGCCAGTTCAAGGAGACCAGACATCACTAGGTGTTGGCACACCTCTTATTGTCATGAGC
 CCAGGGTGTCTGGTATGAGGGTACTGTGACCTATCCATTCTTTGTACCTGGACCTCGGTGTCCAC
 TGGGACTCCTGGATCGGCCTCTGCTTGGTGCCAGAGTCTTGGAGATGAGTCTCCAGACTCTACCA
 GTTCCCTGTCGTTTTGTGTCAGAAAAAGGGGTTATGGGACCTGGACACTTTACCTTTGCTGAGCGAG
 GCCAAGGGCAGCCAGCTGAGCTTCCAAGACCCATCACTCTCTCCTGTCCTTGTGTGAGGAGCAGTGTCC
 CCTTGCTCCAGGGAGAGTGACAGTGGCCTTAACCTCTTTGAAGTGTTTTTCCATCTGAGCAGATGTCATG
 GACCACGAGCATGAAGAAGTCATCTCTATTGGATCAGAAAATACCTTAGCTTTGCTGAGCCGTAACCTGTG
 CACTGAAGGTGCAGCTGTTACTTGAATCAGTCATGACCAAGAGAGGGCCGCTTCTCAGGACCGTGAG
 ACTGGAAGTCATGGTTTGCCAACAAAGACAATTAAGCCTTGTGCTCTTGACATTCTAGAATGGATGG
 AGTGCATCTGAAAAGACTGGACACAGATGATACAGGGGAATGATGACCGTATACCTGGAGAAGCACAG
 CACAGGCTGGGGAGGGGCTGCAGGGGAGCCCTGCTCCCTGTTTAGCTGCTGGGAGCTAGAAAAGAGGG
 CCAAGAGTCCAGCTCTTGGTCTTTCTGTTTGGACCAATTCTTGGCCCTTTTGGTAGTATGAAGAGTAGC
 ATCCAGGGAGATTGTCCATCAGCACCTGCAGTCCAGCAATGGATAAACCTGAGAAAAGGCAGAACTTTGA
 ACCAGCAGTACTCATGGGGCATCTTTAGAATTTGCAAACGAACAGTCTAGTACTTGGCCTTTGCTCTAC
 CAGAACACTTGTTTTGGGGAGAAATGTGCTGTTTCTTTCTCTAGTAGCCAATAAAATCTACAGCT
 AAACCATGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_021028

Insert Size: 813 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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: [BC019982](#), [AAH19982](#)

RefSeq Size: 2403 bp

RefSeq ORF: 813 bp

Locus ID: 57813

Cytogenetics: 8 D3