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Product datasheet for MC203382

Dtymk (NM_023136) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dtymk (NM_023136) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dtymk
Synonyms:	AU044245; CDC8; D10Ertd203e; mtmk; Tmk; TMPK; TYPK
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC069902 GGGCTTCCGTGCACGCCGGGCTTCTGCTGCATCTAACATTGGCGGGAACCTGGCAAGTTGACCGGTGCTG TGCGGGCGATGGCGTCGCGTCGGGGAGCGCTCATCGTGCTGGAGGGTGTGGACCGTGCTGGCAAGACCAC GCAGGGCCTCAAGCTGGTGACCGCGCTGTGCGCCTCGGGCCACAGAGCGGAGCTGCTGCGTTTCCCCGAA AGATCAACGGAAATCGGCAAGCTTCTGAATTCCTACTTGGAAAAGAAAACGGAACTAGAGGATCACTCCG TGCACCTGCTCTTCTCTGCAAACCGCTGGGAACAAGTGTAAAGACCTGCGTCGTTGCTCCCCGGTTGTAA CATGCACACTTTTGTGTGTGGCAAGGGTGCGAGCACCTGTGTGTGGCATGTGTGCAAACACCCGCACGTC GAGACCAGAGGCCAGCTTGGGAGGTTTCCTCTACCCTACCATTCGACGCCGTATTTGAGATAAAAAAATC GACGTATTTGAGATAAAAAATCGTCGTATTTGAGATAAAAAATCGCCGTATTTGAGATAAAACATCGTCG TATTTGACCATCGTATTTAACCACATCCGGCTTGTTTTGTTTTATTAAAAGGTTTTTTTTTTGAAAAAAA AAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_023136
Insert Size:	243 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).

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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:	BC069902, AAH69902
RefSeq Size:	640 bp
RefSeq ORF:	243 bp
Locus ID:	21915
Cytogenetics:	1 47.34 cM
Gene Summary:	Catalyzes the conversion of dTMP to dTDP.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses a different splice site and lacks much of the coding region, compared to variant 1. The resulting protein (isoform 2) is shorter than isoform 1.

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