

Product datasheet for **MC200235**

Dctpp1 (NM_023203) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dctpp1 (NM_023203) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dctpp1
Synonyms:	2410015N17Rik; AI854235; RS21-C6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC004623 sequence for NM_023203 GTCAGAACTCTGGAGCGGCTCCGAGCGCGGGTCCGCTCCCGCGGGTGGACTAGTGGGCGG AATGTCCACGGCTGGTGACGGTGAGCGCGGTACTGTGGGACAAGAAGACTCTGCTGCTGCCGCCGTT AGATTCAGTCCGGAGCCACGCTTGAGGACATCCGACGCCTCCATGCAGAGTTTGCAGCTGAGCGGGACT GGGAGCAGTTCCACCAGCCTCGGAACCTGCTGCTAGCCTTGTTGGGAGAAGTGGGCGAGCTGGCAGAACT CTTCCAGTGGAAGTCTGATACAGAGCCTGGTCCTCAAGCATGGCCACCAAAGGAGAGAGCAGCCCTCAG GAGGAGCTTAGCGACGTCTCATCTACCTGGTAGCATTAGCAGCCCGCTGCCATGTGGATTTACCTCAAG CAGTAATCTCCAAAATGGACACCAACCGCAACGTTACCCAGTCCACCTGTCCCGAGTTCTGCCTGCAA GTACACTGACTTGCCCCGTGGGACCATCTCTGAAAACCAGGCTGTGGGGCTGGAGACCCTGCCTCGGAG CTGAGAGACCAGGCTTCCACATAAAAACGAGGTGCTAATCTGGCCTTATTAAGTCTGGGCCCAAGTGTTT TCTCTCAATAAAATGACTTAAGGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_023203
Insert Size:	513 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: [BC004623](#), [AAH04623](#)

RefSeq Size: 681 bp

RefSeq ORF: 513 bp

Locus ID: 66422

UniProt ID: [Q9QY93](#)

Cytogenetics: 7 F3

Gene Summary: Hydrolyzes deoxynucleoside triphosphates (dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for dCTP and its analogs including 5-iodo-dCTP and 5-methyl-dCTP for which it may even have a higher efficiency. May protect DNA or RNA against the incorporation of these genotoxic nucleotide analogs through their catabolism. [UniProtKB/Swiss-Prot Function]