

Product datasheet for **MC205451**

Dnph1 (NM_207161) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnph1 (NM_207161) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnph1
Synonyms:	C76683; Rcl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048355 GCGCGCGGCATGGCGGCATCCGGGAGCTGGTCCATGCTCTGTGTACTTCTCGGGAGCATCCGCGGC GGCGGGAGGACCAAGCTCTGTATTCGCGGATCGTATCCCGGCTGCGGCGCTATGGGAAGGTGCTCACTG AGCACGTGGCTGATGCTGAGTTGGAGCCCGTGGGAAGAGGCTGCTGGGGCGACCAAGTTCATCCATGA GCGGGACCTGGCCTGGCTCCGGCAGGCCGATGTGGTCTGGCAGAAGTGACACAGCCATCCCTGGGTGTT GGCTACGAATTGGGCCGGCAGTAGCTCTTGGTAAGCCGATCCTGTGCCTGTTCCGACCACAGTCTGGCC GAGTGCTTCCGCCATGATCCGGGAGCAGCCGATGGCTCGAGGTTCCAGGTGTGGGACTACGCAGAGGA AGAAGTGGAGACCATGCTCCATCAGTACTTTGAGGCTTATCTTCCTCAGGGGACGGCTTCTCCAGTAAC CCAAGTGCCTGTCTTAACCCTACTGTATTAGAAAACATTTAAGATTTATTTTTTAAACCAAAAAAAAAA AAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_207161
Insert Size:	522 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: [BC048355](#), [AAH48355](#)

RefSeq Size: 565 bp

RefSeq ORF: 522 bp

Locus ID: 381101

UniProt ID: [Q80VJ3](#)

Cytogenetics: 17 C

Gene Summary: Catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5'-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. Deoxyribonucleoside 5'-monophosphates containing purine bases are preferred to those containing pyrimidine bases.[UniProtKB/Swiss-Prot Function]