

Product datasheet for **MC218667**

Dpp10 (BC063074) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpp10 (BC063074) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp10
Synonyms:	DPRP3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC063074
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTTAAATGGGTGAGCAACACGAGGACAGTGGTCAGGTGGTTGAATCGGCCTCAGAACATCTCCATCC
TCACACTCTGTGAATCTACCACCGGGGCATGCAGCAGGAAATATGAGATGACGTCCGACACCTGGCTCTC
TAAACAGAACGAGGAGCCAGTGTTCAGAGATGGAAGCAAGTCTTCATGACTGTTCTGTTAAACAA
GGTGAAGAGGAGAATCCACCACATAGCTATGTTCTGGTCCAGAGTAAAAGCGAGCAAATACCGTGC
GGCATCTGACATCAGGAACTGGGAAGTATAAGGATCTTGGCCTATGATGAAACAACCTCAAAAAATTTA
CTTCTGAGCACAGAATCTTCTCCCAAGGGAGGCAACTATACAGTGCTTCTACTGAGGGACTATTGAAT
CGTGATTGCATCTCATGCACTTTATGAAAGAAGATTGCACGATTTTGTGATGCCAGCTTTAGCCCCATGA
ATCAACATTTCTGTTATCTGTGAAGGTCCAAGGTCCCAGTGGTCAGCCTTCACATCACAGACAACCC
ATCAAGGTATTTCTTGGAAAACAATCTGTGATGAAAGAACTATTCAGAAGAAGCTCGCAAAG
AGAGAGACTAGAATACTTACATTGATGACTATGAACTTCTTTACAGTTGTCTTTCCCAAAGATTTTA
TGGAGAAAAACAGTATGCTCTTCTATTAATAATGGATGAAGAACCAGGAGGCCAAATGGTGACAGATAA
GTTCCATGTTGACTGGGATTCAGTTCTTATTGACACCGATAATGTATTGTAGCAAGATTTGATGGCAGA
GGAAGTGGATTCAGGGCCTGAAAGTTTGCAGGAGATTCACAGAAGGATAGGCTCAGTGGAGGCAAAGG
ACCAAGTAGCTGTGTAATAATTTACTGAAACAGCCATATTTGACTCCAAAAGATTAAGCATTTTTGG
AAAGGGATATGGGGCTATTTGCATCAATGATCTTAAATCAGATGAGAAGTTTTTCAAATGTGGAGCC
GTGGTTGCACCCATCTCAGACATGAAGTTGTATGCCTCAGCTTTCTGAAACGGTACCTTGGCATGCCAT
CAAAGGAAGAAAGCACTTACCAGGCATCCAGTGTACTGCATAACATTCATGGTTTTAAAGAAGAAAATTT
ATTAATAATTCACGGAAGTGTGATACAAAAGTTCATTTCCAGCATTTCAGCAGAATTCATCAAGCATCTG
ATAAAAGCTGGGGTGAATTACACTCTGCAGGTCTATCCAGATGAAGGATATCACATTTACAGACAAGGCA
AGCATCATTTTTACAGCACAATTCAGATTCTTCAGTGATTGTCTAAAGGAAGAGGTATCTGTGCTGCC
ACAGGAACCAGAAGAAGATGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC063074

Insert Size: 1425 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: [BC063074](#), [AAH63074](#)
RefSeq Size: 3602 bp
RefSeq ORF: 1424 bp
Locus ID: 269109
Cytogenetics: 1 E2.3
Gene Summary: Promotes cell surface expression of the potassium channel KCND2 (PubMed:22311982). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:22311982). Has no dipeptidyl aminopeptidase activity (Probable).[UniProtKB/Swiss-Prot Function]