

Product datasheet for **MC220644**

Dpp6 (BC048383) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpp6 (BC048383) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp6
Synonyms:	D5Buc3, D5Buc5, D5Buc4, Rw
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC048383
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCACAGCCAAGGAGCCAGCGCCTCAGGAAATCTGTACAGCAGCAGGATCAGGAGCTGGTGGGA
 GTAACTCCACAGAGGAACTGGAAAGGAATCGCCATTGCGCTGCTCGTCATCCTTGTCTGCTCTCT
 GATTGTACCTCAGTCATCCTGTTGACCCAGCGGAAGATACCAGTCTGTCTCAGAAGAAAAAGTGACT
 GTGGAAGATCTTTCAGTGAAGACTTCAAAATCCATGACCCAGAGGCAAAGTGGATAAGCAATAAGGAAT
 TCATCTACAGAGAACGGAAAGGAGTGTACTGCGGAATGTTGAAACAAATAATCCACGGTGTAAAT
 AGAAGGCCAAAAAATGAATCCTTGAGAGCCATCAGATATGAAATATCCCGAGATAAGAGTATGTGCTG
 TTCTCTATAATGTGGAGCCGTATACCAACACTCCACACTGGATATTATGTTCTGAGCAAAATCCTC
 ATGGGGACCTCAGAGTCTGGACCCACCAGAAGTCAGCAACGCAAAGCTTCAGTATGCAGGGTGGGGCC
 AAAAGGCCAGCAGCTGATATTTATCTTTGAGAACAACATCTACTACTGTGCACACGTTGGAAAGCAGGCA
 ATTCGAGTGGTCTCTACAGGGAAGGAGGGCGTGATCTACAATGGCCTCAGTACTGGCTGTATGAAGAGG
 AGATTCTGAAGAGCCACATCGCTCATTGGTGGTACCAGATGGTACAAGGCTCGCCTATGCCACCATCAA
 CGACTCCCGGTTCCACTTATGGAGCTGCCAACGTACACAGGCTCTGTCTACCCACTGTGAAGCCCTAC
 CACTATCCTAAGGCTGGCAGTGAACCCAGCATCTCGTCCATGTCATCGGCTTGAATGGACCCACCC
 ACGACCTGGAGATGATGCCACCTGATGACCCGCGCATGAGGGAATATTACATCCCATGGTGAATGGGC
 CACCAGCACCAAGGTCGCTGTGACCTGGCTGAACCGGGCCAGAATGTGTCAATCCTGACCTCTGTGAT
 GCCACCAGGGTGTCTGCACTAAGAAACATGAAGATGAAAGCGAAGCCTGGCTCCACAGACAGAATGAAG
 AGCTGTGTTCTCAAAGATGGCAGGAAGTTTTCTTTGTGAGAGCGATCCACAGGGAGGCCGGGTAA
 ATTCTACCATATACCGTATCATCATCCAGCCCAACAGCAGCAATGACAACATCCAGTCTATCACCTCT
 GGAGACTGGGATGTGACCAAGATCCTGTCTATGATGAGAAGCGGAATAAGATCTATTTCTGAGCACAG
 AAGACCTGCCACGGAGACGACATCTCTACAGTGCCAACACGGTAGATGACTTCAACAGGCAGTGTCTGTC
 ATGTGACTTGGTGGAGAAGTGCACCTATGTCAGCGCTTCTTTCAGCCATAACATGGACTTCTTCTGCTC
 AAGTGTGAAGGCCCTGGCGTACCCACTGTTACTGTGCATAACACCACGGACAAGAGAAGAATGTTTGACT
 TGAAGCAAAATGAGGAAGTTCAGAAGGCTATCAACGACCCGAGATGCCGAAGATTGAATATCGAAAAAT
 TGAAGTAGAAGATTACAGCTTGCCAATGCAAATCTTGAAGCCGGCCACCTTACCAGACACAGCTCACTAC
 CCCTTATTGCTCGTGGTGGATGGTACCCAGGGAGTCAGAGCGTGACAGAGAGGTTTGGAGTGACCTGGG
 AAACAGTGTGGTGGAGCCATGGAGCCGTGGTGGTCAAGTGTGACGGCCGAGGAGCGGCTTCCAGGG
 AACCAAGCTCCTACAGGAAGTACGGAGGCGGCTAGGCTTCTGGAGGAGAAGGACCAGATGGAAGCTGTA
 AGAACTATGCTGAAGGAGCAGTATATTGACAAGACTCGGGTAGCTGTGTTTGGGAAGGATTATGGTGGGT
 ACCTGAGCACTTACATCCTCCAGCCAAGGGAGAAAAATCAAGGTGAGACTTTCACCTGCGGCTCTGCGCT
 CTCTCAAATAACAGACTTCAAATCTATGCCTCTGCATTTCTGAGAGGTACCTTGGCCTCCATGGACTC
 GACAACAGAGCGTATGAGATGACCAAGCTGGCACACCGAGTGTGAGCACTGGAGGACCAGCAGTTCTGTA
 TCATCCACGCCACGGCCGATGAAAAATCCATTTCCAGCACACAGCTGAGCTCATCACGCAGCTGATCAA
 GGGAAAGGCCAATTACAGCTTACAGATCTACCCAGATGAGAGTCACTACTTCCACAGCGTGGCGCTCAAG
 CAGCACCTGTCCAGGTCCATCATCGGCTTCTTTGTGGAATGTTTCAGAGTCCAAGATAAGCTACCAACAG
 CCACAGCAAAAGAGGAGGAGGAGGAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: BC048383
 Insert Size: 2412 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:	<ol style="list-style-type: none">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:	BC048383 , AAH48383
RefSeq Size:	3389 bp
RefSeq ORF:	2411 bp
Locus ID:	13483
Cytogenetics:	5 12.92 cM
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 (By similarity). [UniProtKB/Swiss-Prot Function]