

Product datasheet for **MC222142**

Dpp6 (NM_207282) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpp6 (NM_207282) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp6
Synonyms:	B930011P16Rik; D5Buc3; D5Buc4; D5Buc5; Dpp-6; DPP VI; Gm1377; In(5)6H-p; Peplb; Rw
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222142 representing NM_207282
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCGCTGTACCAAAGTTACCGGCAAGATCAACACCTCGCGCTCCTTTCCGGCGCCCCGGAGG
 CCAGTCGCCTTCTGGGTGGCCAGGGGCCGAGGAGGACGCGGGCCGAAGCCCTTGGGCCGAGGCGCA
 GGCGGTGGCGCCAGGGAGCGCGCGGTGCTGGTGGCCGGCCCGGTTCCAGTACCAGGCGCGGAGCGAC
 TGTGACGAGGAGGACGAGCTGGTGGGAGTAATCCTCCACAGAGGAACTGGAAAGGAATCGCCATTGCGC
 TGCTCGTCATCCTTGTCATCTGCTCTGATTGTCACCTCAGTCATCCTGTTGACCCAGCGGAAGATAC
 CAGTCTGTCTCAGAAGAAAAAGTACTGTGGAAGATCTTTCAGTGAAGACTTCAAATCCATGACCCA
 GAGGCAAAGTGGATAAGCAATAAGGAATTCATCTACAGAGAACGGAAAGGGAGTGCATACTGCGGAATG
 TTGAAACAAATAATTCCACGGTGTAAATAGAAGGCAAAAAATTGAATCCTTGAGAGCCATCAGATATGA
 AATATCCCAGATAAAGAGTATGTGCTGTTCTCCTATAATGTGGAGCCGTATACCAACTCCCACACT
 GGATATTATGTTCTGAGCAAAATTCCTCATGGGGACCCTCAGAGTCTGGACCACCAGAAGTCAGCAACG
 CAAAGCTTCAGTATGCAGGGTGGGGCCAAAAGGCCAGCAGCTGATATTTATCTTTGAGAACAACATCTA
 CTACTGTGCACACGTTGGAAAGCAGGCAATTCGAGTGGTCTCTACAGGGAAGGAGGGCGTGATCTACAAT
 GGCCTCAGTGACTGGCTGTATGAAGAGGAGATTCTGAAGACCACATCGCTCATTGGTGGTCACCAGATG
 GTACAAGGCTCGCCTATGCCACCATCAACGACTCCCGGTTCCACTTATGGAGCTGCCAAGTACACAGG
 CTCTGTCTACCCACTGTGAAGCCCTACCACTATCCTAAGGCTGGCAGTGAAAACCCAGCATCTCGCTC
 CATGTCATCGGCTTGAATGGACCACCCACGACTGGAGATGATGCCACCTGATGACCCGCGCATGAAAGC
 AATATTACATCACCATGGTGAATGGGCCACCCAGCACCAGCAAGTCTGCTGTGACCTGGCTGAAACCGGCCA
 GAATGTGTCAATCCTGACCCTCTGTGATGCCACCACGGGTGTCTGCACTAAGAAACATGAAGATGAAGC
 GAAGCCTGGCTCCACAGACAGAATGAAGAGCCTGTGTTCTCAAAGATGGCAGGAAGTTTTTCTTTGTCA
 GAGCGATCCCACAGGAGGCCGGGTAATTTCTACCATATCACCGTATCATATCCAGCCCAACAGCAG
 CAATGACAACATCCAGTCTATCACCTCTGGAGACTGGGATGTGACCAAGATCCTGTCCTATGATGAGAAG
 CGGAATAAGATCTATTTCTGAGCACAGAAGACCTGCCACGGAGACGACATCTCTACAGTCCAACACGG
 TAGATGACTTCAACAGGCAGTGTCTGTCATGTGACTTGGTGGAGAAGTGCACCTATGTCAGCGCTTCTTT
 CAGCCATAACATGGACTTCTTCTGCTCAAGTGTGAAGGCCCTGGCGTACCCACTGTTACTGTGCATAAC
 ACCACGGACAAGAGAAGATGTTTGACTTGAAGCAAATGAGGAAGTTCAGAAGGCTATCAACGACCGGC
 AGATGCCGAAGATTGAATATCGAAAAATGAAGTAGAAGATTACAGCTTGCCAATGCAAATCTTGAAGCC
 GGCCACCTTACCAGACAGCTCACTACCCCTATTGCTCGTGGTGGATGGTACCCAGGGAGTCAGAGC
 GTGACAGAGAGGTTTGGGTGACCTGGGAAACAGTGTGGTGGTGGAGCCATGGAGCCGTGGTGGTCAAGT
 GTGACGGCCGAGGACGCGGCTTCCAGGGAACCAAGCTCTACAGGAAGTACGGAGCGGCTAGGCTTCTCT
 GGAGGAGAAGGACCAGATGGAAGCTGTAAGAACTATGCTGAAGGAGCAGTATATTGACAAGACTCGGTA
 GCTGTGTTGGGAAGGATTATGGTGGTACCTGAGCACTTACATCCTCCCAGCCAAGGGAGAAAAATCAAG
 GTCAGACTTTACCTGCGGCTCTGCGCTCTCCAATAACAGACTTCAAATCTATGCTCTGCATTTTCT
 TGAGAGGTACCTTGGCCTCCATGGACTCGACAACAGAGCGTATGAGATGACCAAGCTGGCACACCGAGTG
 TCAGCACTGGAGGACCAGCAGTTCTGATCATCCAGCCACGGCCGATGAAAAATCCATTTCCAGCACA
 CAGCTGAGCTCATCACGAGCTGATCAAGGAAAGGCCAATTACAGCTTACAGATCTACCCAGATGAGAG
 TCACTACTTCCACAGCGTGGCGCTCAAGCAGCACCTGTCCAGGTCCATCATCGGCTTCTTTGTGGAATGT
 TTCAGAGTCCAAGATAAGCTACCAACAGCCACAGCAAAAGAGGAGGAGGAGGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_207282
Insert Size: 2580 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:	NM_207282.3 , NP_997165.2
RefSeq Size:	4719 bp
RefSeq ORF:	2580 bp
Locus ID:	13483
UniProt ID:	Q9Z218
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] Transcript Variant: This variant (3) encodes the longest isoform (3).