

Product datasheet for **RN213655**

Dpep1 (NM_053591) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Dpep1

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN213655 representing NM_053591
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTTGATCATCTGGTGGTTCTGGTCTCTGCTGGCCATCTGTGCTTCTGACTCCTCCGGAACAGGCGG
AGAACATCATGAGAACCACACCGGTCAATGACGGGCACAACGACTTGCCTTGGCAAATGCTCACTCTGTT
CAACAATCAGCTCCGAAATCAGAGGCCAACCTGAGCGCGCTAGCGGAAACACACACCAACATCCCAAG
CTGAGGGCTGGCTTCGTGGGAGGCCAGTTCTGGTCCGCATACATGCCTTGTGACACCCAAAACAAAGATG
CCGTGAAAAGAATATTGGAACAGATTGATGTCATACATCGCATGTGCCAGCTCTATCCTGAGACCTTCGA
GTGTGTACCAATAGTTCAGACATCCTACAGCGTTCGAGGGGGAAAGTGGCCAGTCTGATTGGCGTG
GAAGGTGGCACTTGATTGACAGCAGCCTGGGTGTTCTGCGGACACTCTACCATCTGGGCATGCGGTACC
TGACCTTTAGCACAACCTGCAACACACCCTGGGCCGACAATTGGCTAGTGGACAAAGGAGACGACGAGGC
TGAGAGCCAAGGACTGTCGCCCTTTGGGAAGCTTGCTGAATGAGATGAACCGTCTGGGTGTCATGATT
GACTTGTCCCAGTGTCTGTGGCCACCATGAAGGACGCTTTGCAGCTATCCAAGGCACCGTAATCTTCA
GCCACTCCTCTGCCTACAGCGTGTGTCCACACAGGCGGAATGTGCCTGACGATGTGCTGCAGCTGGTGAA
GAGCACAACAGTTTGGTGATGGTGAACCTCTATAACCAAGTTCTGTCTCTGCTCAGACAGCGCCACCTTG
TCCAAGTGGCTGACCACCTGGACCACATCAAGAAGGTGGCAGGCGCAGGGGCTGTGGGCCCTTGGAGGAG
ATTATGATGGTGTTACCAACCTTCTGTGGGACTGGAGGATGTCTAAGTACCCAGACCTGATAGCAGA
GCTTCTCAGGAGGAACCTGGACAGAAACCGAGGTCAAGGCCCTGCTGGCTGAAAACCTGCTTCGGGTCTTC
TCTGCAGTGGAACTGGTAAGCAATATCATGCAAGTTCTGAGGAAGAGACTATCCCTGTGGAGAAGCTGG
ATGGCTCCTGCAGGACATTCTATGGCCACTCAAGGGCCCCAGCATCCACTTGCAGATAGGGGCCCTGTT
GGCCTCTCTGGCTCCCTGGTCTTCAGTCTGCATCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_053591
Insert Size:	1233 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_053591.2 , NP_446043.1
RefSeq Size:	1580 bp
RefSeq ORF:	1233 bp
Locus ID:	94199
UniProt ID:	P31430
Cytogenetics:	19q12
Gene Summary:	renal enzyme that cleaves proteins [RGD, Feb 2006]