

Product datasheet for **RN209634**

Dpp7 (NM_031973) Rat Untagged Clone

Product data:

| | |
|---------------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Dpp7 (NM_031973) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Dpp7 |
| Synonyms: | Dpp2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN209634 representing NM_031973
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCTCCATCCTTGTCTCCTGTGGACCATGGGGTCCCTCCTGGGTCTGGTCTTGTGTGACAC
 TGGGTCTGTGCAGCCTGCAGGCTACAGCCGACAGCGTTCTAGACCCTGACTTTCGTGAGAATTACTTTGA
 GCAGTACATGGACCATTTCAACTTTGAGAGTTTCAGCAACAAGACCTTTGGCCAGCGGTTCTGGTGTCA
 GATAAGTTCTGGAAGATGGGCGAGGGGCCATTTTCTTCTACACAGGGAATGAGGGGGATATCTGGTCCC
 TCGCTAACAACTCTGGCTTCATAGTGGAAGTGGCAGCCAGCAGGAGGCCCTGCTGGTCTTGTGAGCA
 TCGGTATTATGGGAAATCGCTTCCATTCCGGTGTGCAGTCCACACAGCGGGGATACACACAGCTGCTGACT
 GTGGAGCAGGCGCTGGCTGACTTCGCCGTGCTGCTCCAGGCCCTGCGGCACAATCTGGGGTCCAGGATG
 CCCCCACCATAGCCTTTGGAGGGAGTTATGGGGGAATGCTGAGCGCCTACATGAGGATGAAGTACCCCA
 CCTGGTGGCTGGGCACTGGCGCCAGCGCTCCTGTTATAGCTGTGCGAGGCCTTGCAACCCCGACCAA
 TTCTTCCGAGATGTCACAGCGGACTTCTATGGCCAGAGTCCCAAGTGTGCCAGGCTGTGCGGGATGCTT
 TCCAGCAAATCAAGACTTGTCTCCAGGGAGCCTATGACACCATCAGCCAGAATTTTGGGACCTGCCA
 ATCACTTTCAGCCAAAGGACCTGACTCAGCTCTTGGGTTTGGCCGAATGCATTTACTGTTCTCGCC
 ATGATGGATTACCCGTACCCTACTAAGTTTCTAGGGCCCTTCTGCCAACCCTGTCAAGGTGGGCTGTG
 AACGGTTGTTGAGTGAGGGCCAGAGGATCATGGGTCTACGGGCACTGGCAGGGCTGGTCTACAACCTCT
 TGGCATGGAACCTGTTTGGACATCTACCAGATGTACCAAAGCTGTGCTGACCCACTGGCTGTGGCACT
 GGCTCCAATGCCAGGGCTGGGACTACCAGGCCGTACGGAGATCAATCTGACCTTTGACAGCAACAACG
 TGACAGACATGTTCCCTGAAATCCCTTTCTGATGAACCTCCGCCAGCAATACTGCCTGGATACATGGGG
 CGTGTGGCCTCGCCAGACTGGCTGCAGACCAGCTTCTGGGGTGGCGACCTTAAAGCAGCCAGCAACATC
 ATTTTCTCCAACGGTGACCTAGACCCCTGGGCAGGGGGTGAATCCAGCGCAACCTGAGTACATCAATCA
 TTGCTGTCAACATCCAAGGGGGAGCACATCACCTAGACCTCAGAGCATCTAACTCAGAAGACCCCGCTC
 TGTGCTGGAGGTGCGTAAGCTGGAAGCTACCCTCATTGCGAGTGGGTAGCAGCAGCCAGACTAAAGCAA
 CCAGCAGAGGCACAGTGGCCTGGCCTAAGTAG

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_031973
- Insert Size:** 1503 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: [NM_031973.1](#), [NP_114179.1](#)

RefSeq Size: 1720 bp

RefSeq ORF: 1503 bp

Locus ID: 83799

UniProt ID: [Q9EPB1](#)

Cytogenetics: 3p13

Gene Summary: catalyses the hydrolysis of N-terminal dipeptides Xaa-Xbb-|-Xcc from a polypeptide chain with preference to Ala or Pro in the Xbb position [RGD, Feb 2006]