

Product datasheet for **RN201242**

Dusp10 (NM_001105734) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp10 (NM_001105734) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dusp10
Synonyms:	Mkp-5; Mkp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201242 representing NM_001105734
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTCCGTCCTTTAGACGACAGGGTAGTAGTACTGTCTAGGCCTGTCCGACCTCAGGATCTCA
 ACCTTTGTTTAGACTCCAGCTACCTGGGCTCTGCCAGCCAGGCAGCAATAACCACACTCCTGTCATTGC
 CACAGCCGTCGTGACCCTCAAGGCTGCGAATCTGACGTATATGCCCTCATCCAGCGGCTCTGCCCGTCC
 CTGAATTGCGGATGCAGCAGCACTAGCTGCTGCACTGTGGCAACCTACGACAAGGATCATCAGGCCCAGA
 CTCAAGCCATCGCTGCAGGCACTGCCACCCTGCCATAGGAACCTCGACCACCTGCCCTGCTAACAGAT
 GGTCAACAACAATGAAAATATAGGCTCTTTAAGTCCATCGGGCGGGTGGGCAGCCCCGTGTGAGGGACT
 CCCAAGCAGCTAGCCAGCATCAAATCATCTACCCCAATGACCTGGCGAAGAAGATGACCAATGCAGCA
 AGAGTCACCTGCCAGCCAGGGTCTGTCATCATTGACTGCAGGCCTTTCATGGAGTACAACAAGAGTCA
 CATCCAAGGAGCTGCCACATTAAGTGTGCAGATAAGATCAGCCGCGGAGGCTGCAACAGGGCAAGATC
 ACTGTCTTAGACTTGATTTCTGTAGAGAAGGCAAAGACTCTTTCAAGAGGATTTTTTCAAAGAAATCA
 TAGTTTATGATGAGAATACCAATGAGCCGAGCCGTGTGACGCCATCCCAACCCTCACATAGTTCTCGA
 GTCCCTGAAGAGAGAAGGCAAAGAACCCCTGGTATTGAAAGGGGGACTCAGTAGTTTTAAACAGAACCAT
 GGAAACCTCTGTGACAACTCCCTCCAGCTCCAAGAGTCCCGGGAGGTGGGGGGTGGTGCCTCTGCGGCC
 CGAGCGTGCTACCTCAGTCTGTCCCTCCACCCCTGACATCGAGAGCGCAGAGCTGACACCCATCCTGCC
 CTTCTGTTTCTGGCAATGAGCAGGATGCTCAGGACCTAGACGCCATGCAGAGGCTCAATGTCGGCTAT
 GTCATCAACGTCACCACACACCTTCTCTACCCTATGAGAAAGGCCCTTCAACTACAAGAGGCTGC
 CAGCCACAGACAGCAACAAGCAGAAGTTCGGCAGTACTTTGAAGAGGCATTGCAATTCATTGAGGAAGC
 TCATCAGTGTGGGAAGGGCCTTCTCATCCACTGCCAGGCCGCGTGTCCGTTCTGCCACCATTTGCATC
 GCCTACCTGATGAAGCACACCGGATGACCATGACTGACGCTTACAAATTCGTCAAAGGCAAACGACCAA
 TTATCTCCCGAACCTCAACTTCATGGGCAGTTGCTGGAATTTGAGGAAGACCTAAACAATGGCGTGAC
 ACCACGGATCCTTACACCAAAGCTGATGGGCATGGAGACAGTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001105734

Insert Size: 1449 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_001105734.1](#), [NP_001099204.1](#)
RefSeq Size: 2704 bp
RefSeq ORF: 1449 bp
Locus ID: 63995
Cytogenetics: 13q26