

Product datasheet for **RN212677**

Dusp16 (NM_001106624) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp16 (NM_001106624) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dusp16
Synonyms:	Mkp-7; Mkp7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212677 representing NM_001106624
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCATGAGATGACTGGAACCTCAAATTTGTTACTGAGAGGTTGGTGGCTCTGTTGAAAGCGGCACCG
 AGAAAGTCTGCTAATTGACAGCCGCCATTTGTGGAGTACAATACGTCCACATTCTGGAAGCCATCAA
 TATCAACTGCTCCAACTGATGAAGCGAAGGCTGCAACAAGACAAAGTATTAATTACAGAACTCATCCAG
 CATTCTGCAAAACATAAGGTTGACATTGACTGCAGTCAGAAGGTGGTAGTGTATGATCAGAGTCCCAAG
 ATGTTGGTTCTCTGTCGTCAGACTGCTTCTCACTGTGCTTCTGGGTAAGCTGGAGAAGAGCTTCAACTC
 TGTTCACTGCTGCAGGTGGGTTTGTGAGTTCTCTCGTTGTTCCCTGGCCTCTGTGAAGGAAAATCC
 ACTCTAGTCCCTACCTGCATATCTCAGCCTTGCCACCTGTTGCCAACACTGGGCCAACTCGAATTCTTC
 CCAATCTCTATCTCGGCTGCCAGCGAGATGTCTCAACAAGGAGCTGATGCAACAGAACGGGATTGGCTA
 TGTGCTAAATGCCAGCAACACCTGTCCAAGCCTGACTTCATACCCGAATCTCACTTCTCGGAGTGCCT
 GTGAATGACAGCTTTTGTGAGAAAATCCTGCCCTGGTTGGACAAGTCTGTGGATTCATTGAGAAAGCAA
 AAGCCTCCAACGGCTGTGTGCTGATCCACTGCTTGGCTGGGATCTCCCGCTCGGCCACCATTGCTATTGC
 CTATATCATGAAGAGGATGGACATGTCTCTGGATGAGGCTTACAGATTTGTGAAAGAAAAAGACCTACT
 ATATCTCCGAACTTAATTTTATGGGCCAACTCATGGACTATGAGAAGACGATTAGTAGCCAGACTGGAA
 TGTCCGGGCCGAAGAGCAAACCTCAAGCTGCTGCACCTGGCAAAGCCAGTGAGCCTGTGCCTGCAGCCTC
 AGAGGGCGGACGGAAGAATGCACTGTCTCTCAGCCCACCTGTGCCAACTCTACCTCAGAGGCAGTGGGG
 CAAAGGCTTGTGCATCCTGCAAGTGTGCCAGCTTACAGCCTTCCCTCTGGAGGACAGTCCGCTGGTAC
 AAGCCGCTCAGTGGGCTCCAGCTGCCTCAGAGAAGCTGGAAGACAGCAACAGGCTCAAGCGTTCCCTCTC
 TCTCGATATCAAGTCTGTTTCGATTCAGCCAGTGTGGCAGCGTCTTACACGGCTTCTCGTCAGAGGAT
 GCTATGGAGTACTACAAACCTTCCGCCACACTGGATGGGACCAGCAAGCTCTGCCAGTTCTCCCCGGTTC
 AGGAGGTATCAGAACAGACTCCAGAGACCAGCCCCGATAAGGAGGAGGCCACATCCCCAGGCAGCCCCA
 AGCTACCAGACCTTCAGAGAGCCAGACCACCGGCTGCACTCAGTGAGAACCAGCAGTACTGGGTCTACC
 CAGAGGCCCTTCTCTCGCCACTGCATCGGAGCGGGAGTGTGGAGGACAACCTACCACACCAACTTCTTT
 TTGGCCTTCCACCAGCCAGCAGCACCTACCAAGTCTGCTGCAGGGCTTGGCCTCAAGGGCTGGCACTC
 AGACATCTGCCTCCCCAGTCTCTGCCCTTCCCTGACCAGCGGTTGGTATTTTGTACAGAGCCTTCA
 CACTTCTACTCTGCTTCAGCCATCTATGGAGGCAACGCCAGTTACTCTGCCTACAGCTGTAGCCAGCTGC
 CCACTTGCAGTGACCAAATCTATTCTGTTCTGATAGCGGCGAGAAGCCTAGTGACAGAGCTGACTCACGGCG
 GAGCTGGCATGAAGAGAGCCCTTTGAGAAGCAGTTTAAACGCAGGAGCTGCCAAATGGAATTTGGAGAG
 AGCATTATGTCAGAGAACAGGTCGAGGGAAGAAGTGGGCAAAGTGGGAGCCAATCTAGCTTTTCAGGAA
 GCATGGAGGTCATTGAGGTCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106624
- Insert Size:** 1986 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_001106624.2](#), [NP_001100094.1](#)

RefSeq Size: 1986 bp

RefSeq ORF: 1986 bp

Locus ID: 297682

Cytogenetics: 4q43