

Product datasheet for RN217497

Dusp27 (NM_001191929) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp27 (NM_001191929) Rat Untagged Clone
Tag: Tag Free
Symbol: Dusp27
Synonyms: RGD1560598
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217497 representing NM_001191929
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACCAGTGGAGACACAGAGGAGGAGCAGGTAGTTCCAAACGAGGAGGATGAAGCCGACGTGAGAG
 CTGTACAGGCCACTACCTCCGGAGTCCCTCCCAAGCCAGTACTCAGTGGTCTCAGACGCAGAACTGA
 AAGTATTTTCATGGAGCCATCCATCTCTCCTCGCCGTAGCTGCCAAGCAGATCATCAACGAAGAACTC
 AAGCCTCGGGTCTCAGAACAGACAGGAGTGCCAGGCATGCTGGAGTCTGCTGAACAGCTGCTGGTGG
 AAGACCTGTACAACCGTGTCCGGGAGAAGATGGATGACAAAAGCCTGTTCAACACCCCTGTGTGCTGGA
 CCTGCAGCGGGCACTGATCCAGGACCGCAAGAGGCCCTCGAATGAGGTGGACGAGGTCTGGCCCAAC
 GTCTTCATAGCTGAGAAGAGTGTGGCTGTGAACAAGGGGCGACTGAAAAGGCTGGGAATCACCCACATCC
 TGAACGCTGCCATGGCACTGGCGTTTACACTGGTCCCGAATTTACACTGGCTGGAGATCCAGTACCT
 GGGGTGGAAGTGGATGATTTCCAGAGGTGGACATCTCCAGCATTTCCGGAAGGCAGCTGAGTTTCTT
 GATGAAGCCCTGCTGACCTATAGAGGAAAGTCTGGTCAGCAGTGAGATGGGTATCAGCAGGTGAGCAG
 TGCTGGTGGTGCCTACCTGATGATCTTCCACAACATGGCCATCCTGGAAGCCTTGATGACTGTCCGCC
 AAAGCGGGCTATCTACCCAACGACGGCTTCTCAACAGCTGCGGGAGCTCAACGAGAACTGATGGAG
 GAGAGGGAAGAAGAGGATGATGAAGAGGAGCCTGAGGAGGATGCCGGGAGCACACTGGGTCTAGAGTAA
 ATTCCTTGATGGTGAAGAAGAAGATGATGCCACCAGCCACCTGAGTGGCTCCTCCTTGGGGAAGGCCAG
 CCAGGTCTCCAGCCAGTCACTCATTGATGAAGAGGAGGAAGAGAGGCTGTATGAGGAGTGGAGGAAG
 GGGCAGGGCTTCCCAAGGCTGAGGCTTCTCAGGGTAGAAAGGGTAGCTGTTCTGCGTCTCCGAGCAAG
 ACGGGGACGACTGTGAGGATGGGCTGTGGAGAGGATAATCCAGGAGTGGCAGAGCCGAAATGAGAGGTA
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 AGGCGCAGACACACCCTAAGCGAGAGCAGCGCCTCTGAGAGCGTGAGCAGCCATGACATCCGGGTCTGA
 AGCAGCAACTGAAGAGGACCAGCCAAAGCCGCCAGACAGACACCCTGACTCCGAGTCCACGGAGAG
 CACCTGGGACATGTGGAACGAGAGGCTGGTGGAGATCGAGAAGGAGGCTGCCCGAAGTATCGCTCCAAG
 AGCAAGAGGGAGGAGCTGGATGCCGATTAGAGGCAGGGAGCAGGGTCCGAGAGGACGATGAGGAGAGTG



TATTGTCCGAGGCCAGCTCCTTCTACAACCTTCTGCAGTAGGAACAAGGACAAGCTCACTGCCCTGGAAAG
 GTGGAAGGTTAAGAGAATCCAATTTGGATTTCAACAAGAAAGACTCAGAGGTGGTAGACGCGGGCAGTGAG
 GATGGTACGGAAGAGGCAACAGGAGAGAAGAACCTTTCTGATGTCAACCTGACAGCCTACCAGGCCCTGGA
 AGCTGAAACACCAGAAGAAGGTGGGCAATGAGAACAAGGAGGAGGTGGTTGAGATGAGCAAAGGAGAGGA
 CACAGCCTTAGCTAAGAAGAGACAACGGAGACTAGAGTTACTGGAGAGAAGCAGGCAGACGCTGGAGGAG
 AGCCGGTCCATGGGAAGCTGGGAGGAGACAGCTCAACTGCCAGCAGGAGCATCCCCCTGTCTGCATTCT
 GGCTGCAGCCCCCTCTGTCAGTGTGGATGGGGACACAGCGTCAGTACTCAGCCCCAGAGCCAGCATTCT
 TCACCTGTCTCAGCCTGCAAGTAACATGCCACCACACCCTGCCTAACCTGCCAGTGGTCCGGGAGAC
 ACCATTTCCATTGCCAGTATCCAGAACTGGATCGCCAGTGTCTGCAATGAAACCTTGCCAAAAAGCAAA
 ACGAAATGCTCACGTTGTCCCGCCCCCTCTGTTGCAAGCATGAGGGCAGCTCCAGCAGCCAGCTGCCT
 TGGGGATGACCAACTCTCGGTGCTCAGCACCTCCCTGAGTGGCTGCCTACCGCTCAGAGCCAGGGGAGA
 CCCAGCTCCGACGTGCAATCTGTGCTGTCTCCACCAGCTCCCTGACCTCCAGGGCTGAAGGCAGTGAGA
 ACAAGTGAGAGGGACCAGCAAGCCATCTACAGCCTCTTGTGACAACGTGAACCTGAAGGAGCTCGG
 CCGGAAGGAGAAAAGAAATGCAGATGGAGCTGCAGGAGAAGATGTCCGAATATAAAATGGAGAAGCTGGCC
 TCTGATAACAAGCGTAGCTCTCTTCAAGAAGAAGAAGGCCAAGGACGACGAGGACATCAGCGTGGGTG
 ACAGAGACGAGGACACAGACAGTCCATTGGAAGCTTCCGGTATTCTCCGAAGTAATCCAGAGGCC
 TGAGACAGATGCCTCCTCTCTGGCCATCTCCGATCACTTTAGAAATGGCCGACGCTGGGCAACGAG
 GTAGGTAGCAATATTAATACATGGCTCAGTGGCCTCAGGATGGAAGAAAATCTCCTCCTCAAAGTGATT
 GGTCTGGAAGCTCCAGGGGGAGGTAAGTCCAGGTCTTCCCTGTTCCGGGAAACAGAGTCTAAATCCTGCAG
 TTACAAGTTCTCCAAATCTAGGTACAGGAACAGGACTCCTCCTCCACGAAACCGATGGCAACTGTG
 CGAAACACCTCCCGGTTCTCCTTCCACCACCAAGGAGGGCAGAGAGATGCACAAGTTCTCCAGGTCCA
 CATTACAGCAGACCTCGAGCTCCCGAGAGGAGAGCCAGAACCCTATTTCTTCCGCCAACCCTGAACC
 GTCCGATGGGGAAGAGTCCCCGAGCTAAGGCGTCCAAACTGGACCAGGCCAGGATTGGGAAGACGTA
 GAAGAGTCATCTAAATCAGACTTCGCTGAGTTTGGGGCCAAGAGGAAATTCACCCAGAGCTTCATGAGGT
 CTGAAGAGGAGGAGAGAAGGAGAGGACAGAAAACCGAGAGGAAGGGAGGTTTGCATCTGGGCGTAGTC
 CCAGTATCGGAGAAGCACAACCGGCAAGAGGAAGAAGAAATGGATGATGAAGCCATCATTGCTGCTTGG
 AGAAAGCGGCAAGAAGAAACCAGAACCAAACTGCAAGAAGGAGAGAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191929
- Insert Size:** 3414 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191929.1](#), [NP_001178858.1](#)

RefSeq Size: 3899 bp

RefSeq ORF: 3414 bp

Locus ID: 498267

Cytogenetics: 13q23