

Product datasheet for MC223720

Dusp27 (NM_001033344) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp27 (NM_001033344) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dusp27
Synonyms: C130085G02Rik; Gm209
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223720 representing NM_001033344
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACCGGTGGAGACGCAGAGGAGGAGCAGGTAGTTCCAAACGAGGAGGATGAAGCAGATGTGAGAG
 CTGTACAGGCCCGCTATCTCCGGAGTCCCTCCCAAGCCAGTACTCGGTGGTCTCAGAGGCAGAAACCGA
 AAGCATCTTCATGGAGCCATCCACCTCTCCTCGGCTGTAGCTGCCAAACAGATCATCAACGAAGAACTC
 AAGCCTCGGGGGCTCAGAACAGACACTGAGTGTCCAGGCATGCTGGAGTCTGCTGAACAACCTGCTGGTGG
 AAGACCTGTACAACCGTGTCCGTGAGAAGATGGATGACAGGAGCCTGTTCAACACCCCTGTGTGCTGGA
 CCTGCAGCGGGCGCTGACCCAGGACCGCAAGAGGCCCTCGAATGAGGTGGATGAGGTGTGGCCCAAC
 GTCTTCATAGCTGAGAAAAGCGTGGCTGTGAACAAGGGGCGGCTCAAGAGGCTGGGCATCACCCACATTC
 TGAATGCCGCACATGGCACAGGAGTTTACACTGGTTCTGAATTCTACACTGGCCTGGAGATCCAGTACCT
 GGGGTGGAAGTGGATGACTTCCAGAGGTGGACATCTCCAACATTTCCGAAAGCAGCTGAGTTCCCT
 GACGAAGCTCTGCTGACCTACAGAGGAAAGTCTGGTCAGCAGTGAAATGGGTATCAGCAGGTGAGCAG
 TGCTGGTGGTGCCTACCTGATGATCTTCCACAGCATGGCCATCCTGGAGGCTTGTGACTGTGCGCAG
 AAAGCGAGCTATCTACCCAATGACGGCTTCTAAAACAAGTCCGAGGCTCAATGAGAAAATTGATGGAG
 GAGAGGGAAGAGGAGGATGGTGAAGAGGAGTCTGAGGAAGATGCCGGGAGCATGTGGGTCTAGAGTCA
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 CCAGGTCTCCAAACAGTCACTCTTATTGATGACGAGGAGGAGGAGAAGAAGCTGTATGAAGAGTGGAGG
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 CACAGGATGGAGACGACTGTGAGGATGAGGATGTAGAAAGGATAATCCAGGAGTGGCAGAGCCGAAATGA
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 GGAGAGCACCTGGGACATGTGGAACGAGAGGCTGGTGGAGATCGAGAAGGAGGCTGCCCGGAAGTACCGC
 TCCAAGAGCAAGAGGGAGGAGCTGGATGGCGATTGTTAGAGGCAGGGGGCAGGGTCCGAGAGGACGATG



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AGGAGAGCGTGTGTCTGAGGCCAGCTCCTTCTACAACCTCTGCAGTAGGAACAAGGACAAGCTCACTCC
CCTGGAAGGTGGAAGATTAAGAGAATCCAATTTGGGTTTACAAGAAAGACTCGGAGGCGGGAGACGGG
GGCAGTGAGCATGGTACAGAAGAGGCAGCAGCAGGAGAGAAGAACCTCTCTGATGTCAACCTGACAGCCT
ACCAGGCTGGAAGCTGAAGCACCAGAAAAAGGTGGGGAGTGAGAACAAGGAGGAAGTGGTTGAGATGAG
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GTGCGAAACACCTCACGGTCTCATCTTCCACCACCAAGGAGGCCAGAGAGATGCACAAGTTCTCTCGGT
CCACATTCAGCGAGACCTCGAGCTCCCAGAGGAGAGGCCAGAACCCTATTTCTCCGCCGACCCCTGA
ACCTCTGATGGGGAGGAGTCCCAGAGCCAAGCGCTCCAACTGGACCAGGCCAGGACTGGGAAGAT
GTAGAAGAGTCATCTAAATCAGACTTCGCTGAGTTTGGGGCCAAGAGGAAATTCACCCAGAGCTTCATGA
GGTCTGAAGAGGAGGAGAGAAGGAGAGGACAGAAAACCGAGAGGAAGGGAGGTTTGCATCTGGCGTCA
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TGGAGAAAGCGGCAAGAGGAAACCAGAACCAACTGCAAAGGAGGAGGGAGGACTGA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033344
- Insert Size:** 3417 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_001033344.3](#), [NP_001028516.2](#)
RefSeq Size: 4042 bp
RefSeq ORF: 3417 bp
Locus ID: 240892
UniProt ID: [Q148W8](#)
Cytogenetics: 1 H2.3
Gene Summary: May be required for myofiber maturation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.