

## Product datasheet for **MC223721**

### Dusp27 (NM\_001160049) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp27 (NM_001160049) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dusp27
Synonyms:	C130085G02Rik; Gm209
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223721 representing NM_001160049 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTACCGGTGGAGACGCAGAGGAGGAGCAGGTAGTCCAAACGAGGAGGATGAAGCAGATGTGAGAG  
CTGTACAGGCCCGCTATCTCCGGAGTCCCTCCCAAGCCAGTACTCGGTGGTCTCAGAGGCAGAAACCGA  
AAGCATCTTCATGGAGCCATCCACCTCTCCTCGGCTGTAGCTGCCAAACAGATCATCAACGAAGAATC  
AAGCCTCGGGGGCTCAGAACAGACACTGAGTGTCCAGGCATGCTGGAGTCTGCTGAACAATGCTGGTGG  
AAGACCTGTACAACCGTGTCCGTGAGAAGATGGATGACAGGAGCCTGTTCAACACCCCTGTGTGCTGGA  
CCTGCAGCGGGCGCTGACCCAGGACCGCAAGAGGCCCTCGGAATGAGGTGGATGAGGTGTGGCCCAAC  
GTCTTCATAGCTGAGAAAAGCGTGGCTGTGAACAAGGGGCGGCTCAAGAGGCTGGGCATACCCACATTC  
TGAATGCCGCACATGGCACAGGAGTTTACACTGGTTCTGAATTCTACACTGGCCTGGAGATCCAGTACCT  
GGGGTGGAAAGTGGATGACTTCCAGAGGTGGACATCTCCCAACATTTCCGGAAGCAGCTGAGTTCCCT  
GACGAAGCTCTGCTGACCTACAGAGGAAAAGTCCGTGGTCAAGCAGTGAATGGGTATCAGCAGGTCAGCAG  
TGCTGGTGGTGCCTACCTGATGATCTCCACAGCATGGCCATCCTGGAGGCCTGATGACTGTGCCGAG  
AAAGCGAGCTATCTACCCAATGACGGCTTCTAAAACAATGCGGGAGCTCAATGAGAAATTGATGGAG  
GAGAGGGAAGAGGAGGATGGTGAAGAGGAGTCTGAGGAAGATGCCACTGAGTGGCTCCTCCTGGGGAAGGCCAG  
ATTCAGTATGGTGAAGAAGAAGATGATGCCACTAGCCACTGAGTGGCTCCTCCTGGGGAAGGCCAG  
CCAGGTCTCCAAACAGTCACTCTTATTGATGACGAGGAGGAGGAGAAGAAGCTGTATGAAGAGTGGAGG  
AAGGGGACGGCTTCCCAAGGGGAGGCTGCTCAGGGTAGAAAGGGACGTAGCTGTTCTATGTCCTCAG  
CACAGGATGGAGACGACTGTGAGGATGAGGATGTAGAAAGGATAATCCAGGAGTGGCAGAGCCGAAATGA  
GAGGTACCAAGCCAAAGGGCGCAGCAGTGAACCGGGAGGAAGAAGAGGAGGAAGAGAATCCTACTCC  
AGCAGAAGGCGCAGACACACCCTAAGCGAGAGCAGTGTCTTCTGAGAGTGTGAGCAGCATGACATCCGGA  
TCCTGAAGCAGCAACTGGAGAGGAGCACCCAAAGCCGCCGGAAGATACCGCTCTGACTCGGAGTCCCT  
GGAGAGCACCTGGGACATGTGGAACGAGAGGCTGGTGGAGATCGAGAAGGAGGCTGCCCGAAGTACCGC



[View online >](#)

TCCAAGAGCAAGAGGGAGGAGCTGGATGGCGATTGTTTCAGAGGCAGGGGGCAGGGTCCGAGAGGACGATG  
 AGGAGAGCGTGTGTCTGAGGCCAGCTCCTTCTACAACCTCTGCAGTAGGAACAAGGACAAGCTCACTCC  
 CCTGGAAGGTGGAAGATTAAGAGAATCCAATTTGGGTTTCAAGAAAGACTCGGAGGCGGGAGACGGG  
 GGCAGTGAGCATGGTACAGAAGAGGCAGCAGCAGGAGAGAAGAACCTCTCTGATGTCAACCTGACAGCCT  
 ACCAGGCCCTGGAAGCTGAAGCACCAGAAAAAGTGGGGAGTGAGAACAAGGAGGAAGTGGTTGAGATGAG  
 CAAAGGAGAAGACACGGTCTTGGCTAAGAAGAGACAGCGGAGACTAGAGTTACTGGAGAGGAGCAGGCAG  
 ACACTGGAGGAGAGTCAGTCCATGGGAAGCTGGGAGGCAGACAGCTCAACAGCCAGCAGGAGACTCCCC  
 TGTCTGCATTCTCGTCCGCGGCCCTTCTGTCAAGTGGGACACTGCGTCACTACTCAGCACCCA  
 GAGCCACCGTTTCTCATGCAAGTAACATGCCCGCCACCCCTGCCTAACCTGCCGTTGGGCGCTGGAGAC  
 ACCATTTCCATTGCCAGTATCCAGAACTGGATTGCCAATGTCGTCAATGAAACCTCGCCAGAAGCAAA  
 ACGAAATGCTCTTGTGTCGCGCCACCCTCTGTTGCAAGCATGAAGGCAGCTCCAGCAGCCTGCGGCT  
 TGGGGGGGATGACCAGCTCTCCGTGCTCAGCACCTCCCTGAGTGGCTGCTTACCACCTCCAAGCCAAGG  
 AGACCCAGCTCCGACGTGCAGTCTGTGCTCCTCCACCAGCTCGCTGACCTCCAGGGCTGAAGGCAGTG  
 GGAACAAAGTGAAGGGGACCAGCAAGCCATCTACAGCCTTTTGTGACAACGTGGACCTGAAGGAGCT  
 TGGCCGGAAGGAGAAGAGATGCAAATGGAGCTGCAGGAGAAGATGTCGAGTATAAAATGGAGAAGCTG  
 GCCTCTGATAACAAGCGTAGCTCTCTTCAAGAAGAAGAAGCCAAGGATGACGAGGACATGAGCGTGG  
 GTGACAGAGACGAGGACACAGACAGTGCATCGGAAGCTTCCGGTACTCCTCTCGCAGTAATTTCCAGAA  
 GCCGGAGACAGATGCCTCCTTCTCTGGCCATCTCTGATCACTATAGAAATGGCCGACAGATGGGTAAC  
 GAGATGGATAGCAATATTAATACGTGGCTCAGTGGCCTCAGGATGGAAGAAAAATCTCCTCCTCAAAGTG  
 ATGGTCCGGAAGTTCAGGGGGAGGTATACCAGGTCTTCTCTGCTCCGGGAAACAGAGTCTAAATCCTG  
 CAGTTACAAGTTCTCAAATCTAGTTCACAGGAGCAGGACACCTCCTCCACGAAGCCAATGGTGACACT  
 GTGGGAAACACCTCACGGTCTCATCTTCCACCACCAAGGAGGCCAGAGAGATGCACAAGTCTCTCGGT  
 CCACATTCAGCGAGACCTCGAGCTCCCGAGAGGAGGCCAGAACCTATTTCTTCCGCGGACCCCTGA  
 ACCCTCTGATGGGGAGGAGTCCCGAGAGCCAAGGCGTCCAAACTGGACCAGGCCAGGGACTGGGAAGAT  
 GTAGAAGAGTCATCTAAATCAGACTTCGCTGAGTTGGGGCCAAGAGGAAATTCACCCAGAGCTTCATGA  
 GGTCTGAAGAGGAGGAGAGAAGGAGAGGACAGAAAACCGAGAGGAAGGGAGGTTTGCATCTGGGCGTCA  
 GTCCAGTATCGGAGAAGCACAACCAGCAAGAGGAAGAAGAAATGGATGATGAAGCCATCATTGCCGCC  
 TGGAGAAAGCGGCAAGAGGAAACCAAGAACCAACTGCAAAGGAGGAGGGAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001160049
- 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\\_001160049.1](#), [NP\\_001153521.1](#)

**RefSeq Size:** 4038 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 (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.