

Product datasheet for **MC210556**

Dusp28 (NM_175118) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp28 (NM_175118) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dusp28
Synonyms: 0710001B24Rik; AV005521
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210556 representing NM_175118
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCACCTCGGAGGCTGCACCGCCGCTTCGCGCGCGTCCGCCCGCGCTTTCATCGGAATGCGC
GAGCCGCGGGTGCACGGAGCTGCTGGTGCAGCGGGCATCACTTTGTGCGTCAATGTCTCCCGCCAGCA
GCCCGGGCCGCGCGCCGGAGTGGCGGAACACGCGTACCCGTGTTGACGACCCAGCTGAGGACCTG
CTGACACACCTGGAGCCACCTGTGCCGCCATGGAAGCCGCGGTGCGCGACGGCGCTCCTGTCTCGTGT
ACTGCAAGAACGGCCGAGTCGCTCAGCCGCGTCTGCACCGCCTACCTAATGCGGCACCGCGGCCACAG
CCTGGATCGCGCCTTCCAGATGGTGAAGAGCGCCCGCGGTAGCCGAGCCCAATTTGGGGTTCTGGGCT
CAGCTGCAGAAGTACGAGCAGACCCCTCAGGCCAGGCCATCCTGCCCGGGAGCCATTGATCCGGAGT
AA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_175118

Insert Size: 492 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).



[View online »](#)

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:	<ol style="list-style-type: none">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:	<u>NM_175118.3</u> , <u>NP_780327.1</u>
RefSeq Size:	1491 bp
RefSeq ORF:	492 bp
Locus ID:	67446
UniProt ID:	<u>Q8BTR5</u>
Cytogenetics:	1 D
Gene Summary:	Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate (in vitro). Has almost no detectable activity with phosphotyrosine, even less activity with phosphothreonine and displays complete lack of activity with phosphoserine. The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site.[UniProtKB/Swiss-Prot Function]