

Product datasheet for **MG204644**

Dusp11 (NM_028099) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp11 (NM_028099) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dusp11
Synonyms:	2010300F21Rik; AI481497
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204644 representing NM_028099 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCAGCATTATGGCCGACATGGTCGTGGACGGGGCCGGGACTTTGCTGCCTGTGCCCCACCCAAGA
AGAAGGGCAGAAACCACATCCCCGAAAGGTGGAAAGACTATCTCCAGTTGGGCAGCGGATGCCTGGGAC
TCGTTTCATTGCTTTCAAAGTTCCTTTGCAAAAAAATTTGAAGCAAAGCTTATGCCAGAAGAATGCTTT
TCCCCTTTGGATCTGTTAATAAAATACAAGAACAAAATGAAGAAGCTTGGATTGATAATCGATTTAACAT
ATACTCAGCGCTATTATAAAGTAGAGGATTTGCCAGAACTATTTCTTACATAAAAAATTTACAGTTGG
TCATCAAATACCTGATAATGACACTATCTTTCAATTCAAATGTGCAGTTAAAGAATTTTTAAAGAAAAAT
AAAAACAATGACAACTTATCGGTGTCCACTGCACCCATGGCTTAAATAGGACTGGCTACCTCATTTGCA
GATATTTGATTGATGTAGAAGGCATGAGGCCAGATGATGCAATTGAATTGTTCAACAGCTGCCGGGGCA
CTGCATAGAAAGGCAGAACTACATTGAAAACCTGCAGAAACGTCATGTCAGAAAGAACCAGGAAATGTTAGT
GCACCTAGGACAGATGGCCTTGAAGACTCAGCAGATCCTACGGAGCAAGTCTACACCAACAACAACCTG
TGAAAAAAGCCTAGGAAAAACCGCGTGGTGGTCATCTGGCACCTTCCAGCATTTCCAGCACCAGAC
GCAGAGCTCACCGTACTCACTCAGAAAAATGGTCACAAAATCAGAGTGTACCAGAGAGGCTTGTCCCT
CCTCCTGGTCCAGCCGGAGAGGACTATTCACAAAGAAGATTCTTCTGGAGTGCCGAGGCCAAATAAGTGGA
CTGCTGAGAGTTACCAGAGACCTTCTACCCATACTACTGGGAATGGAACCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204644 representing NM_028099
 Red=Cloning site Green=Tags(s)

MNQHYGRHGRGRGRDFAACAPPKKKGRNHIPERWKDYLPVQQRMPGTRFIAFKVPLQKKFEAKLMPEECF
 SPLDLFNKIQEQNEELGLIIDLTYTQRYKVEDLPETISYIKIFTVGHQIPDNDTIFQFKCAVKEFLKKN
 KNNDKLIQVHCTHGLNRTGYLICRYLIDVEGMRPDDAIELFNSCRGHCIERQNYIENLQKRHVRKRNVS
 APRTDGLSDADPTEQVYTNKPKVKKKPRKNRRGGHLAPSQHFQHQQTQSSPYSLRKWSQNSVYQRLVP
 PPGPAGEDYSQRRFFWSARPNKWTAESYQRPFPYPYYWENL

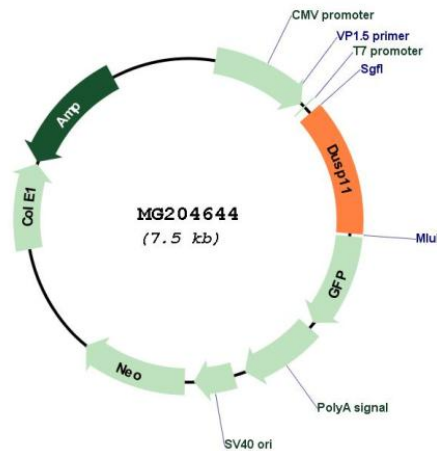
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_028099

ORF Size: 963 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_028099.4 , NP_082375.4
RefSeq Size:	6451 bp
RefSeq ORF:	966 bp
Locus ID:	72102
UniProt ID:	Q6NXK5
Cytogenetics:	6 C3
Gene Summary:	Possesses RNA 5'-triphosphatase and diphosphatase activities, but displays a poor protein-tyrosine phosphatase activity. In addition, has phosphatase activity with ATP, ADP and O-methylfluorescein phosphate (in vitro). Binds to RNA. May participate in nuclear mRNA metabolism.[UniProtKB/Swiss-Prot Function]