

Product datasheet for **MC215024**

Dupd1 (NM_001013826) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dupd1 (NM_001013826) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dupd1
Synonyms: EG435391
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215024 representing NM_001013826
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCATCAGGAGATACAAAGACAAGCGTCAAACATGCCACCTCTGTGCTGAGAGGCTGTCCGTGCGGG
AGGAGGAGGGAGATGCTGAGGACTACTGTACCCCTGGAGCCTTCGAGCTGGAGCGTCTCTTCTGGAAGGG
CAGTCCCCAGTATACACACGTCAATGAGGTCTGGCCTCGGCTCCACATTGGTGATGAGGCCACGGCGCTG
GACCGCTATGGCTGCAGAAGGCGGGTTTCACGCACGTGCTGAACGCGGGCGACGCGCCGCTGGAATGTGG
ACACCGGGCCGGACTACTACCGAGACATGGCCATCGAGTACCACGGCGTTCGAGGCCGACGACGTGCCAC
CTTCGACCTCAGCATCTTTTTCTACTCCGCTGCGGCCTTCATCGACTCGGCACTCCGAGATGACCACAGT
AAGATCCTGGTTCAGTGTCCATGGGCCGAAGTCGGTCAGCAACTCTGGTCTGGCCTACCTGATGATCC
ACAAGAACATGACTTTGGTGGACGCCATTCAACAAGTGGCTAAGAACCGCTGTGTCTGCCAACCGGGG
CTTCTTGAAGCAACTCCGAGAGCTGGACAAGCAGCTGGTGAAGCAGCGGGCAGAGCCGGCCAGGGGAC
AGTGACCTAGGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013826
Insert Size: 648 bp



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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:	<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_001013826.2</u> , <u>NP_001013848.1</u>
RefSeq Size:	1103 bp
RefSeq ORF:	648 bp
Locus ID:	435391
UniProt ID:	<u>Q8BK84</u>
Cytogenetics:	14 A3
Gene Summary:	Dual specificity phosphatase able to dephosphorylate phosphotyrosine, phosphoserine and phosphothreonine residues, with a preference for phosphotyrosine as a substrate. [UniProtKB/Swiss-Prot Function]