

Product datasheet for **RN208698**

Dupd1 (NM_001108368) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dupd1 (NM_001108368) Rat Untagged Clone
Tag: Tag Free
Symbol: Dupd1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN208698 representing NM_001108368
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATCAGGAGACACAAAGACAAGCGTCAAGCATGCCACCCCTGTGCCGAGAGGTTGTCCCTGCAGC
AGGAGGAGGGAGAGGCTGAGGACTACTGCACCCCTGGAGCCTTCGAGCTGGAGCGCCTCTTCTGGAAGGG
CAGCCCCAGTACACACACGTCAATGAGGTCTGGCCTCGGCTCCATGTTGGTGATGAGGCCACAGCGCTG
GACCGCTACGGGCTGCAGAAGGCCGGCTTCACGCACGTGCTGAATGCCGCTCACGGCCGCTGGAATGTGG
ACACCGGGCCGACTACTACCGAGACATGGCCATCGAGTACCACGGCGTCGAGGCCGACGACGTGCCCCAC
CTTCGACCTCAGCATCTTTTCTACTCGGCTGCCGCTTCATCGACTCGGCGCTCCAAGACGACCACAGT
AAGATCCTGGTTCACTGTGCCATGGGCCGAAGCCGGTCAGCAACTCTGGTCTGGCCTACCTGATGATCC
ACAAGAACATGACCTTGGTGGACGCCATCCAACAAGTGGCTAAGAACCGCTGTGCTCTGCCCAACCGGGG
CTTCCTGAAGCAGCTCCGGGAGCTGGACAAGCAGCTGGTGAAGCAGCGGCACAGCGGGGCCGGGGGCC
GGTGAGCTGGGGCT**GAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108368
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:	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_001108368.1</u> , <u>NP_001101838.1</u>
RefSeq Size:	1109 bp
RefSeq ORF:	648 bp
Locus ID:	361003
UniProt ID:	<u>P0C595</u>
Cytogenetics:	15p16
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]