

Product datasheet for **RN212550**

Drap1 (NM_001077668) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Drap1 (NM_001077668) Rat Untagged Clone
Tag: Tag Free
Symbol: Drap1
Synonyms: MGC156767
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN212550 representing NM_001077668
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAAGCAAGAAGAAGTATAACGCGGGTTCCGCGGCGGGATCAAGAAGATCATGCAGACAG
ACGAAGAGATTGGGAAGGTGGCGGCAGCTGTGCCTGTATCATCTCCCGGCACTTGAGCTCTTCTGGA
GTCTCTGTTGAAGAAGGCTTGCCAGGTGACCCAGTCTCGAAATGCCAAAACCATGACCACGTCCACCTG
AAGCAGTGCATTGAGCTTGAACAGCAATTTGACTTCTTAAAAGACTTGGTGGCATCTGTGCCTGACATGC
AGGGTGTGGGAAGACAACCACACGGATGGGGACAAGGGTCTCGAAGGGGCCGAAACCAGGCAGCAG
TGGCAGGAAGAATGGAGGCACAGGAAGCAAAAGCAAAAGCAAAAAGCTGTCCGGGACAGACTCAGAACAG
GAGGATGAGTCTGAGGACACAGATACAGATGGGAAGAAGAGACACCACAGGCCCCACCCCAAGCCAGTC
ACCCCCCTGCCCACTTTAGAGCCCTCCAACCTCCCTTCATGCCCTTACCTCTCCTCTGCCTTTACCCCC
AGCACCTCCCGCCCTCAGCACCTGAGGCAGAGGACGAAGAGGATTATGACTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001077668
Insert Size: 618 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_001077668.2</u> , <u>NP_001071136.1</u>
RefSeq Size:	1438 bp
RefSeq ORF:	618 bp
Locus ID:	293674
UniProt ID:	<u>A0JPP1</u>
Cytogenetics:	1q43
Gene Summary:	The association of the DR1/DRAP1 heterodimer with TBP results in a functional repression of both activated and basal transcription of class II genes. This interaction precludes the formation of a transcription-competent complex by inhibiting the association of TFIIA and/or TFIIIB with TBP. Can bind to DNA on its own (By similarity).[UniProtKB/Swiss-Prot Function]