

Product datasheet for RN216222

Cops7a (NM_001164091) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cops7a (NM_001164091) Rat Untagged Clone
Tag: Tag Free
Symbol: Cops7a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216222 representing NM_001164091
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTGGGAGGTGAAGGTGACAGGGCAGAACCAGGAGCAATTTCTGCTCCTTGCCAAGTCGGCTAAGG
 GGGCAGCACTGGCCACACTCATCCACCAGGTGCTGGAGGCCCTGGTGTCTACGTGTTGGGGAAGTCTGCT
 GGATATGCCTAATGTTAGAGAGCTGGCAGACAGCGACTTTGCCTCCACGTTCCGGCTGCTCACAGTGT
 GCCTATGGGACCTATGCTGACTACTTAGCTGAAGCCAGGAACCTCCCCCACTTACTGAGGCTCAGAAGA
 ACAAGTTCGACATCTGTGAGTTGCTCACTCTGGCTGCCAAAGTCAAGTGTATCCCATATGCAAGTGTGCT
 GGAGGCTCTCGCCCTTCGTAATGTGCGCCAGCTGGAAGACCTCGTGATCGAGGCCGTGATGCCGATGTC
 TTCTGTTGATCTCTGGACCAGCGCAATCAGCGGCTAGAGGTTGACTACAGCATTGGACGGGACATCCAGC
 GCCAGGACCTCAGCGCCATCGCCCAAACCTGCAAGAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 CATTGAAGAGCAAGTCAGCCGTGCCAACCTGCACAAGGAGCAGCAGCTGGGCCTGAAGCAGCAGATCGAG
 AGTGAGGTTGCCAACCTTAAGAAAACCTAAAGTTACAACAGCGGCCGCTGCTGCAGCCACTTCCCAGG
 ACCCTGAGCAACCTGACAGAGCTGAGAGAACCAGCTCCTGGCACCAACCAGCGCCAACCAGCAAGAA
 AGCCTCAAAGGGCAAGGACTCCGAGGGAGCGCCAAGATTTGGTCCAAGTCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001164091
Insert Size: 828 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001164091.1</u> , <u>NP_001157563.1</u>
RefSeq Size:	1787 bp
RefSeq ORF:	828 bp
Locus ID:	312710
Cytogenetics:	4q42