

Product datasheet for **RN203841**

Commd3 (NM_198732) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Commd3 (NM_198732) Rat Untagged Clone
Tag: Tag Free
Symbol: Commd3
Synonyms: MGC72959
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203841 representing NM_198732
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTCTCCGAGTATGTACAGAGAGGCATCCAGACGCTGGCGGATCCCGTTTCCTTGACTCCAGCG
CCTTCGCGTTCTCTCCGGCGGCTTCCAGAGCCTGCTGGACGCCAGGCGGACGAGGCCGCGCTAGA
TCAACCAGACTTGAACATATCGACCCAGTGGTTTTAAAGCATTGTCATGGGCAGCTGCAACTTACATA
CTGGAGGCAGAAAGCACCGAGTTGACAAGTCTACTCTAAGCACTTATTTAGAAGACTGTAATTTGACC
GAGAGCGAATAGAACTGTTTTGCACGGAGTATCAGAATAATAAGAATTCTCTAGAAATCCTACTGGGAAG
TATAGGTAGAGCTCTCCCTCATATAACTGATGTTTCTGGCGATTGGAATATCAGATAAAGACCAACCAA
CTTCATAAGATGTGTCGACCTGGATATTTAGTGACCTTAAACGTAGAGAACGCTGATCCCAATCCTACC
CAGAGATTAGTTTTAGTTGCAGCATGGAGCAGTTACAGGATTTGGTGGGAAACTTAAGGATGCTTCAA
AAGCCTGGAAAGAGCAACTCAGTT**TAA**

ACGCGTACGCGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_198732
Insert Size: 588 bp

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).



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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_198732.2</u> , <u>NP_942027.1</u>
RefSeq Size:	952 bp
RefSeq ORF:	588 bp
Locus ID:	291339
UniProt ID:	<u>Q6P9U3</u>
Cytogenetics:	17q12.3
Gene Summary:	May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes. May down-regulate activation of NF-kappa-B. Modulates Na(+) transport in epithelial cells by regulation of apical cell surface expression of amiloride-sensitive sodium channel (ENaC) subunits. [UniProtKB/Swiss-Prot Function]