

Product datasheet for **MG201917**

Commd3 (NM_147778) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Commd3 (NM_147778) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Commd3
Synonyms: AW550818; Bup; D2Ertd542e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201917 representing NM_147778
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTCTCGGAGTCTGTGCAGAGAGGCATCCAGACGCTGGCGGATCCCGTTCTTTGACTCCAACG
CCTTCGCGCTTCTCCTCCGGGCGACTTTCAGAGCCTGCTGGACGCCGGGCGGACGAGGCCGCGCTAGA
TCACCATACTTGAACAGATCGACCCAGTGGTTTTAAAGCATTGTCATGCAGCAGCTGCAACTTGCATC
CTGGAGGCAGAAAGCACCAAGTTGACAAGTCTACTCTAAGCACTATTTAGAAGACTGTAATTTGACC
GAGAGCGAATAGAACTGTTTTGCACCGAGTATCAGAACAATAAGAATTCTCTAGAAACCCTACTGGGAAG
TATAGGCAGATCTCCCTCATATAACTGATGTTTCTTGGCGCTTGGAGTACCAGATAAAGACCAACCAA
CTTCATAAGATGTACCGACCTGGATATTTGGTGACCTAAATGTAGAGAACAATGATTTCCAATCTACC
CAGAGATTAATTTAGTTGCAACATGGAACAGTTACAGGACTTGGTGGGAAACTTAAGGATGCATCAAA
AAGCCTGGAAAGAGCAACTCAGTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201917 representing NM_147778
Red=Cloning site Green=Tags(s)

MELSESVQRGIQTLADPGSFDSNAFALLLRATFQSLLDARADEAALDHPYLKQIDPVVLKHCHAAAATCI
LEAGKHQVDKSTLSTYLEDCKFDRERIELFCTEQNNKNSLETLLGSIGRSLPHITDVSWRLEYQIKTNQ
LHKMYRPGYLVTNLNVENNDSQSYPEINFSCNMEQLQDLVGKLDASKSLERATQL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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: [NM_147778.2](#), [NP_680087.1](#)

RefSeq Size: 882 bp

RefSeq ORF: 588 bp

Locus ID: 12238

UniProt ID: [Q63829](#)

Cytogenetics: 2 12.9 cM

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]