

Product datasheet for **MC202313**

Commd3 (NM_147778) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Commd3 (NM_147778) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Commd3
Synonyms:	AW550818; Bup; D2Ertd542e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048815 sequence for NM_147778 GCGGCGCGCTCACAATGGAGCTCTCGGAGTCTGTGCAAAGAGGCATCCAGACGCTGGCGGATCCCGGTTC CTTTGACTCCAACGCCTTCGCGCTTCTCCTCCGGCGGCTTTCCAGAGCCTGCTGGACGCCCGGGCGGAC GAGGCCGCGCTAGATCACCCATACTTGAACAGATCGACCCAGTGGTTTTAAAGCATTGTCATGCAGCAG CTGCAACTTGCATCCTGGAGGCAGGAAAGCACCAAGTTGACAAAGTCTACTCTAAGCACTTATTTAGAAGA CTGTAAATTTGACCGAGAGCGAATAGAAGTGTTCCTGACCGAGTATCAGAACAATAAGAATTCTCTAGAA ACCCTACTGGGAAGTATAGGCAGATCTCTCCCTCATATAACTGATGTTTCTTGGCGCTTGGAGTACCAGA TAAAGACCAACCAACTTCATAAGATGTACCGACCTGGATATTTGGTGACCTTAAATGTAGAGAACAATGA TTCCCAATCCTACCCAGAGATTAATTTTAGTTGCAACATGGAACAGTTACAGGACTTGGTGGGAAACTT AAGGATGCTTCAAAAAGCCTGAAAAGCAACTCAGTTGTAATTTGGGGAGGCTGATGACCCAGGAGCC TAGAGGAAAACCCAGACGCGCCTTGTCTCCTGCTGGACCATCGTTGCGCGAGCTGGATGTCATTTTCAGT GGAAAAAGAGCTAGCACCTTTTGAAGTATGCCAACCAATTTTACACTTTTTTACACATGTGAA ATGGTTAAGAGGGAGACTCTTAAGCATCTGGATTTTTCAGTATTACTCTTGCCTTCTTATCTTGGAGCG TCTTCAAGCCCTATTAAGTATCGTACCCTGAATAAATACGGTGGTATCCCACAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_147778
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).
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).



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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: [BC048815](#), [AAH48815](#)

RefSeq Size: 909 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]