

Product datasheet for **SC108859**

COMMD3 (NM_012071) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD3 (NM_012071) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD3
Synonyms:	BUP; C10orf8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_012071 edited ATGGAGCTCTCGGAGTCTGTGCAGAAAGGCTTCCAGATGCTGGCGGATCCCCGCTCCTTC GACTCCAACGCCTTACGCTTCTCCTCCGGCGGCATTCCAGAGTCTGCTGGACGCCAG GCGGACGAGGCCGTGTTAGATCATCCAGACTTGAAACATATCGACCCAGTGGTTTTAAAA CATTGTCATGCAGCAGCTGCAACTTACATACTAGAGGCAGGAAAGCACCGAGCTGACAAG TCAACTCTAAGCACTTATCTAGAAGACTGTAAATTTGACAGAGAGCGAATAGAACTGTTT TGCACGGAATATCAGAATAATAAGAATTCCTAGAAATCCTACTGGGAAGTATAGGCAGA TCTCTCCCTCATATAACGGATGTTTCTTGGCGCTTGAATATCAGATAAAGACCAATCAA CTTCATAGGATGTACAGACCTGCATATTTGGTGACCTTAAGTGTACAGAACACTGATTCC CCATCCTATCCAGAGATTAGTTTTAGTTGCAGCATGGAACAATTACAGGACTTGGTGGGG AAACTTAAAGATGCTTCGAAAAGCCTGGAAAGAGCAACTCAGTTGTAA



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012071 unedited</p> <pre>ACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCGCTCCAATGGAGCTCTCGG AGTCTGTGCAGAAAGGCTTCCAGATGCTGGCGGATCCCCGCTCCTTCGACTCCAACGCCT TCACGCTTCTCCTCCGGGCGGCATTCCAGAGTCTGCTGGACGCCAGGCCGACGAGGCCG TGTTAGATCATCCAGACTTGAACATATCGACCCAGTGGTTTTAAACATTGTCATGCAG CAGTGTCAACTTACATACTAGAGGCAGGAAAGCACCGAGCTGACAAGTCAACTCTAAGCA CTTATCTAGAAGACTGTAATTTGACAGAGAGCGAATAGAAGTGTTCACGGAATATC AGAATAATAAGAATTCCTAGAAATCCTACTGGGAAGTATAGGCAGATCTCTCCCTCATA TAACGGATGTTTCTTGGCGCTTGAATATCAGATAAAGACCAATCAACTCATAGGATGT ACAGACCTGCATATTTGGTGACCTTAAGTGTACAGAACACTGATCCCCATCCTATCCAG AGATTAGTTNTAGTTGCAGCATGGAACAATTACAGGACTTGGTGGGAAACTTAAAGATG CTTCGAAAAGCCTGAAAAGAGCAACTCAGTTGTAAGTGGGGAAGTTAACGATCCGCCCG AGTGCAGAGGAAAACCAGAAACGCCTTGCCTTCAGCTGAACCACCGTTTGTGCGAGCTGG ATGTNCTTTTCAGTAGAAAAGAATTTTCCTTTTGAATTATACCATTATCAATTTTGACA CTTTANAACGTGTGAAAGGGTTAAGAGGGAAGATACTGGCCAGTATTTGAATCGTTAGT AGTAACTGTCCATTATNCTATTTTGATCTTTTTCAAGTCTTCTGAAAGGAGTAGACAGTA TTACACCCTGATNNAATAGGTGTTNGTTTCCACANAANNAAAAAAAAAAACTCC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012071 unedited</p> <pre>AACACAGTCTTCTAGNATCGAGTTTTTTCCTTTTTTTTTTGTGGAAAACAACACCTTATT TATTCAGGGTGAATACTGTCTACTTCTTTTTCAGAAAGACTCTGAAAAAGATCAAATAGG ATAAATGGACAGTACTACTAAACGATTCAAATACTTGGGCAGTATCTTCCCTTAAAC CCTTTCACACGTTTTTAAAGTGCATATTTGATGAATGGGATAAATTCAAAAGGAAAATT CTTTTCTACTGAAAAGGACATCCAGCTCGCACAAACGGTGGTTTCAGCTGAAGGCAAAGCG TTTCTGGTTTTCTCTGCACTCGGGCGGATCGTAACTTCCCAAGTTACAACCTGAGTTG CTCTTTCAGGCTTTTCGAAGCATCTTTAAGTTTCCCCACCAAGTCTGTAAATTGTTCCA TGCTGCAACTAAAATACTCTGGATAGGATGGGGAATCAGTGTCTGTACACTTAAGG TCACCAAATATGCAGGTCTGTACATCCTATGAAGTTGATTGGTCTTTATCTGATATTCCA AGCGCCAAAGAAACATCCGTTATATGAAGGAGAGATCTGCCTATACTTCCCAGTAAGATT CTAGGGAATCTTATTATTCTGATATTCGTCGAAAACAGTCTATTTCGCTCTCTGTCAA ATTTACAGGCTTCTAGATAAGTGCTTAAAGTTGACTTGTGACGTCAGAGCTTTCCTGCCT CTAGTATGTAAGTTGCAACTGCTGCATGACAATGTTTTAAACCCACTGGTCCATATGCTT CAAGTCTGGATGATCTACACCGCCTCTCCGCCTGGGCGTCCANCAAACCTGGAATGCC TCCCCGNAGTAAATCCTGGAAGCCGTGGAGTTCCAAGAGCGGGGATCCGGCAACATTTGG ACCCCTTTCTGCACAGACTTCGAAAGTTCATTGTGAACGCCCTCTGGCGAATTTCCGGCG CCCTAAAAGAGACGATTACAAATTCGAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012071
Insert Size:	950 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).

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_012071.2](#), [NP_036203.1](#)

RefSeq Size: 946 bp

RefSeq ORF: 588 bp

Locus ID: 23412

UniProt ID: [Q9UBI1](#)

Cytogenetics: 10p12.2

Gene Summary: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). May down-regulate activation of NF-kappa-B (PubMed:15799966). Modulates Na(+) transport in epithelial cells by regulation of apical cell surface expression of amiloride-sensitive sodium channel (ENaC) subunits (PubMed:23637203).[UniProtKB/Swiss-Prot Function]