

Product datasheet for **SC115127**

COMMD9 (NM_014186) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD9 (NM_014186) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD9
Synonyms:	C11orf55; HSPC166; LINC00610
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014186, the custom clone sequence may differ by one or more nucleotides

ATGGCTGCCCTGACAGCGGAGCATTTTGCAGCACTCCAGAGCCTGCTCAAGGCCTCCTCGAAAGATGTTG
 TCAGACAGCTGTGTCAAGAAAGCTTTTCCAGTTCAGCCCTTGGCTTGAAAAACTCTTGATGTTACATG
 TTCCAGCTTGTCTGTGACCCAGGAGGAGGCAGAGGAAGTCTCCAGGCTCTGCACCGCTCACTAGGCTG
 GTGGCATTCCGTGACCTGTCTCTGCCGAGGCAATTCTGGCTCTCTTCCAGAAAATTTCCACAAAACC
 TCAAAAACCTGCTGACAAAGATCATCTAGAACATGTGTCTACTTGAGAACCGAAGCCAGGCAAATCA
 GATCTCTCTGCCACGCCTGGTCGATCTGGACTGGAGAGTGATATCAAAACCTCCTCAGACAGCATCAGC
 CGCATGGCCGTCCACCTGCCTGCTCCAGATGAAGATCCAAGAAGATCCAGCCTATGCGGAGACAAAC
 CCTCCATCTCAGCTGTACCGTGGAGCTGAGCAAAGAAACACTGGACACCATGTTAGATGGCCTGGGCCG
 CATCCGAGACCAACTCTCTGCCGTGGCCAGTAAATGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014186 unedited <pre> GGGTTACATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGATGGCTGC CCTGACAGCGGAGCATTTTGCAGCACTCCAGAGCCTGCTCAAGCCTCCTCGAAAGAGTTG TCAGACAGCTGTGTCAAGAAAGCTTTTCCAGTTCAGCCCTTGGCTTGAAAAAAGTCTTG ATGTTACATGTTCCAGCTTGTCTGTGACCCAGGAGGAGGCAGAGGAAGTCTCCAGGCTC TGCACCGCCTCACTAGGCTGGTGGCATTCCGTGACCTGTCCTCTGCCGAGGCAATTCTGG CTCTCTTTCCAGAAAATTTCCACAAAACCTCAAAAACCTGCTGACAAAGATCATCTAG AACATGTGTCTACTTGGAGAACCAGGCCAGGCAATCAGAATCCAAGAAGATCCCAGC CTATGCGGAGACAAACCTCCATCTCAGCTGTACCGTGGAGCTGAGCAAGAAAGAACTG GACACCATGTTAGATGGCCTGGGCCGTATCCGAGACCAACTCTCTGCCGTGGCCAGTAA TGATCCAGCCAGCTGCCAGGGCCACTGCCATGACCCAGCTGCTCATGAGTGATAAATGTC TCCCCATATGCAGGCTGCCCTTGCAGCTGCAGCTGACAACAGGCAGGATGGTGGGACAG CAGGNGGCTACTGCCATCCAGAAGTTACAGTTGGATTGNGAAAGAGCAGCCAGATCCCCC GCTGNTCTCACTCATCTTCTTTCTTTCTTTCTGAAGCTGGAGAGCAGAAGCCCCATCTTTG AAAAGCTCCTGAGTGCCACTTAATTACCACATGGCAGGGTGAGGGACATTTGCATCGTCA GCTGCCTCTGCTTAGCTGTTTGAGAAAATCAGCCCAATCATGCAGCCCATTTCCATAAG TAGTTTTTTTTTCCAACATAGCTCTAATAGTTCATTC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014186
Insert Size:	1250 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:	<u>NM_014186.1</u> , <u>NP_054905.1</u>
RefSeq Size:	1318 bp
RefSeq ORF:	597 bp
Locus ID:	29099
UniProt ID:	<u>Q9P000</u>
Cytogenetics:	11p13

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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.