

Product datasheet for **SC128131**

COMMD1 (NM_152516) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD1 (NM_152516) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD1
Synonyms:	C2orf5; MURR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC128131 sequence for NM_152516 edited (data generated by NextGen Sequencing)

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ATGGCGGGCGGGGAGCTTGAGGGTGGCAAACCCCTGAGCGGGCTGCTGAATGCGCTGGCC
CAGGACACTTTCCACGGGTACCCCGGCATCACAGAGGAGCTGCTACGGAGCCAGCTATAT
CCAGAGGTGCCACCCGAGGAGTTCGCCCTTTCTGGCAAAGATGAGGGGATTCTTAAG
TCTATTGCGTCTGCAGACATGGATTTCAACCAGCTGGAGGCATTCTTGACTGCTCAAACC
AAAAAGCAAGGTGGGATCACATCTGACCAAGCTGCTGTCAATTTCCAAATTCTGGAAGAGC
CACAAGACAAAAATCCGTGAGAGCCTCATGAACCAGAGCCGCTGGAATAGCGGGTTCGG
GGCCTGAGCTGGAGAGTTGATGGCAAGTCTCAGTCAAGGCACTCAGCTCAAATACACACA
CCTGTTGCCATTATAGAGCTGGAATTAGGCAAATATGGACAGGAATCTGAATTTCTGTGT
TTGGAATTTGATGAGGTCAAAGTCAACCAAATTCTGAAGACGCTGTCAGAGGTAGAAGAA
AGTATCAGCAGACTGATCAGCCAGCCTAACTGA
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Clone variation with respect to NM_152516.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_152516 unedited
CTGCCCCAGGACACTTTCCACGGGTACCCCGGCATCACAGAGGAGCTGCTACGGAGCCAG
CTATATCCAGAGGTGCCACCCGAGGAGTTCGCCCTTTCTGGCAAAGATGAGGGGATT
CTTAAGTCTATTGCGTCTGCAGACATGGATTTCAACCAGCTGGAGGCATTCTTGACTGCT
CAAACCAAAAAGCAAGGTGGGATCACATCTGACCAAGCTGCTGTCAATTTCCAAATTCTGG
AAGAGCCACAAGACAAAAATCCGTGAGAGCCTCATGAACCAGAGCCGCTGGAATAGCGGG
CTTCGGGGCCTGAGCTGGAGAGTTGATGGCAAGTCTCAGTCAAGGCACTCAGCTCAAATA
CACACACTGTTGCCATTATAGAGCTGGAATTAGGCAAATATGGACAGGAATCTGAATTT
CTGTGTTTGGAAATTTGATGAGGTCAAAGTCAACCAAATTCTGAAGACGCTGTCAGAGGTA
GAAGAAAGTATCAGCAGACTGATCAGCCAGCCTAACTGAAGATGATGTATGAAGGAGTTG
GAGTTGTTGAAACCAAGGTGTCCATGATCCCTCCCACTGACCTTTTCTAAGAAATCTT
GTGCCCGCATTGGTATTAATCCTCGCAT
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Restriction Sites:	Please inquire
ACCN:	NM_152516
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:	<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_152516.2</u> , <u>NP_689729.1</u>
RefSeq Size:	725 bp
RefSeq ORF:	573 bp
Locus ID:	150684
UniProt ID:	<u>Q8N668</u>
Cytogenetics:	2p15
Gene Summary:	COMMD1 is a regulator of copper homeostasis, sodium uptake, and NF-kappa-B (see MIM 164011) signaling (de Bie et al., 2005 [PubMed 16267171]).[supplied by OMIM, Sep 2009]