

## Product datasheet for **SC112049**

### CCDC48 (EFCC1) (NM\_024768) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC48 (EFCC1) (NM_024768) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC48
Synonyms:	C3orf73; CCDC48
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_024768, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCCGGTCAGCACGGGCGCGGAGGCCGGCATGGAGGGCGCGGGAGGTGACCCGTACCGGCGACCTG
CGCGGCGCACGCAGTGGCTGCTGAGCGCCCTGGCGACCACTACGGGCTGGACCGGCGCTGGAGAACGA
GATCGTGGTGTGGCCACCGGCTGGACCAGTACCTGCAGGAGGTCTCCACCACCTGGACTGCCGCGG
GCCGCGCTCTGCCCGCGCCGACTTCCGAGCGCTCTGCCTGTCTGGGCTGCGCGCGGAGGGGCCA
CCACGGCCGGGACAGCAGAGGTGACGGGAACCCAGAGATGTGACCCCGGGGATGCGGCCGCTGAGTT
GGCCACGGACGGGACTCAGATACCGATGAAGAGGCGCGCTGGCGCTGCGCGCCGAGCCGCGGAGCTC
ACCTTCCGCCAGTTCACGCGCGCTCTGTGGCTACTTCGGCACCCGTGCGGGGCCCCGGCTGCCCGCG
GCGCTCTCAGCGAGCACATCGAGACGCAGATCCGCTGCGCCGTCCGCGCCGCGCCGCGCCGCCCTG
CGCGCTGGCCCCGACAGCGGTCTGACTGTGAGCGCTTGCAGGCTGGAGGAGAGAATAGCAGCTTG
CGCGAGTTGGTGGAGGACCTGCGCGCCGCTGCAGAGCAGTGTGCGCGCTGCCACTGACACTGCAGGTG
GACTCTGGAAGAGCCAGGCGAGCACCCACGAGATGGGGCACGGCGGGCCGGAGGCTGCGGTGCGGGAGCT
GGTCAAGGCGCAGGGCGCCCTGGCTGCGCGGAGGCCCGCTGGCGGGCTGCGCGTGGCCAGGCCGAG
GTGCGGGCGCGCGGAGGAGGCCCGGCGAGGTGGTGTGCGCAGCCTGCACCCGCTGCGAGAGCTGGAGG
CGCTGGGCAACAGGTGCCCGGCTTGCAGCGCTGGGTGCGGGCGCTGGAGGCGGAGCTGCAACGCTACAG
GTCAGAGGATCCAGCTCCCAACCCCGCAGCTAGCCAACCCAGAGCCAGGAGACAAGAGTAATGAACCT
GAAGATGCTGGGACCAGAGACCCAGACCCCACTCCAGAGGGAGCCTGGCAGTGCAGACGCAGCTCTGGAA
GCAGAGCCCTGGTGAAGTGGACGAGCAGCTGTCCGCTCCGTGGAGGGCCAGGCCGCTCTGACGAGGA
GGAGGTGGAGGAGGAGGTGGCAGGAGGAGAAGAAGACGCCGCGCAGCCAGGCCAAGACACTGTGGCC
CGGCTCTCAGCTGCAGAGGCGAGGTGTGATGACCAGACGCGGAGAAGCTCATGACTTACTTTGGTCACT
TCGGCGGTGCCAACCATGCCATACCCTGGGGAGCTGGAGGCCTGCATTGCCATGCTGGTGGAGCAGCT
GAGGACTCAGGGCTGCGGTGGGAGGACCTGGGGACCTCTGAGGAGGAGGAGAGTTGCAGCAGAAGGTG
GAAGAGAATGAGCACCTGAGGCTGGAGCTGCAGATGGTAGAGACCAGAGGGTGCAGGCTGTCCCTGCTGG
AGGAGAAGCTGGTGGACGTGCTGCAGCTCTGCAGAGGCTCCGGGACCTGAACATATCGAAAAGAGCCCT
GGGAAGATTTTGTGAGCACGCTGGACGCTTTCAGGGACCCACCCAGGGAAGGCCAGCCCTGCA
GCCATCTGGATGCCCTGCACCAAGCCTGGCTGCCTGCCAGTGTGCGGAGACAGCCCTCGCACACAG
CCTCTGCAGCAGCTGCGCTACCAACCCCTCCTCGTCTCTGCTGA
    
```

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_024768 unedited

```

NNGGGTTAGGATTTGTATACGACTCATATAGGCGGCCGGAATCGCCGAGCCGTTCCCGCG
CGCCTCTGTGGTACTTCGGCACCCGTGCGGGGCCCGGCTGCCCGCGGCGCTCTCAGC
GAGCACATCGAGACGCAGATCCGCTGCGCCGTCCGCGCCGCGCTGCCCGCCGCTGC
GCGCTGGCCCCGACAGCGGTCTGACTGTGAGCGCTTGCAGGCTGGAGGAGAGAAT
AGCAGTTGCGCGAGTTGGTGGAGGACCTGCGCGCCGCGCTGCAGAGCAGTGTGCGCGC
TGCTAGCACTGCAGGTGCGACTCTGGAAGAGCCAGGCGAGCACCCACGAGATGGGGCAC
GGCGGGCCGAGGCTGCGGTGCGGGAGCTGCGTACGGCGCAGGGCGCCCTGGCTGCGGCG
GAGGCCCGCGCTGGGCGGCTGCGCCGTGGCCAGGCCGAGGTGCGGCGGCGCGGAGGAG
GCCCGGCAGGTGGTGTGCTGCGCAGCTGCACCGCTGCGAGAGCTGGAGGCGCTGGCGCAA
CAGGTGCCCGGCTTGACGCGCTGGGTGCGGCGGCTGGAGGCGGAGCTGCAACGCTACAGG
TCAGAGGATCCAGCTCCCAACCCCGCAGCTAGCCAACCCAGAGCCAGGAGACAAGAGT
AATGAACCTGAAGATGCTGGGACCAGAGACCCAGACCCCACTCCAGAAGGAGCCTGGCA
GTCAGACAGCAGCTCTGGAAGCAGAGCCCTGGATGAAGCAGTGGACGAGCAGCTGNTCCG
CTCCGTGGNAGGGCCAGCCGCTCTCAGAAANNAGTGAGAGNANAGTTTTCGAGNNAAAA
AAAAAAAAAAACCCNNNANAGGCCCAAAATTTGGTGGCCGCGGTTTTCAGCTGAAGGG
AGGTGGGAGACCACAGG
    
```

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_024768

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_024768.1</a> , <a href="#">NP_079044.1</a>
<b>RefSeq Size:</b>	2691 bp
<b>RefSeq ORF:</b>	486 bp
<b>Locus ID:</b>	79825
<b>UniProt ID:</b>	<a href="#">Q9HA90</a>
<b>Cytogenetics:</b>	3q21.3