

## Product datasheet for **RC237396**

### **C11orf54 (NM\_001286069) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C11orf54 (NM\_001286069) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C11orf54  
**Synonyms:** PTD012; PTOD012  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC237396 representing NM\_001286069  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTTGTGCTGAGTTTTCTTTTCATGTACCAAGTCTTGAAGAGCTTGGTGGAGTTATGCAGAAGGGT  
TAAAAGATAACTTTGCTGATGTCCAGGTCTCTGTAGTTGATTGCCCTGATTTGACTAAGGAACCCCTTAC  
CTTTCCTGTAAAAGGCATCTGTGGGAAAAGTAGAATTGCAGAAGTTGGAGGTGTGCCTTACTTATTGCCT  
CTTGTAACCAAAAAAAGTTTATGATCTGAATAAAATTGCAAAAGAAATCAAGCTGCCTGGAGCCTTTA  
TTCTTGGAGCAGGAGCAGGTCCATTTTCAGACTCTCGGGTTCAATTCTGAGTTTATGCCAGTTATTCAGAC  
AGAAAGTGAACACAAGCCTCCTGTAATGGAAGTTACTTTGCCCATGTGAACCCTGCAGATGGAGGGTGC  
CTACTGGAGAAATACAGTGAGAAATGTCATGATTTTCAGTGTGCATTACTGGCTAATCTTTTTGCCAGTG  
AAGGCCAACCTGGCAAGGTAATTGAGGTGAAAGCCAAAAGAAGAACTGGACCACTTAACCTTTGTGACTTG  
TATGAGAGAGACCCTGGAAAAACATTATGGAATAAGCCTATAGGAATGGGAGGTACTTTCATAATTGAG  
AAGGAAAAAGTGAAGTCTCACATTATGCCTGCAGAATTTCTTCCTGCCCTTGAACCTGATGAAGAAG  
TGAAATAAATGGTTGCATTTTTATGAAATGAAAGCTCCTTTGGTTTGTCTACCAGTTTTGTCTCCAGAGA  
CCAGGGTTTGATTTGCGACTGGAGCACACTATTTTTTTAGTCGTCATGGAGAAGGTGGACACTACCAT  
TATGACTACTCCAGATATAGTGAATATCTTGATACTTCTTACCTGCAGAGTTTCTCTATCGCATTG  
ATCAACCAAAAAGAGACGCATTCAATTGGGCGAGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237396 representing NM\_001286069  
 Red=Cloning site Green=Tags(s)

MACAEFSFHVPSLEELAGVMQKGLKDNFADVQSVVDCPDLTKEPFTFPVKIGCGKTRIAEVGGVPYLLP  
 LVNQKKVYDLNKIAKEIKLPGAFILGAGAGPFQTLGFNSEFMPVIQTSEHKPPVNGSYFAHVN PADGGC  
 LLEKYSEKCHDFQCALLANLFASEGQPGKVIIEVKAKRRRTGPLNFVTCMRETLEKHVGNKPIGMGGTFIIQ  
 KGKVKSHIMPAEFSSCPLNSDEEVNKLHVFYEMKAPLVCLPVFVSRDPGFDLRLLEHTHFFSRHGEGGHHY  
 YDTPDIVEYLGFLPAEFLYRIDQPKETHSIGRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

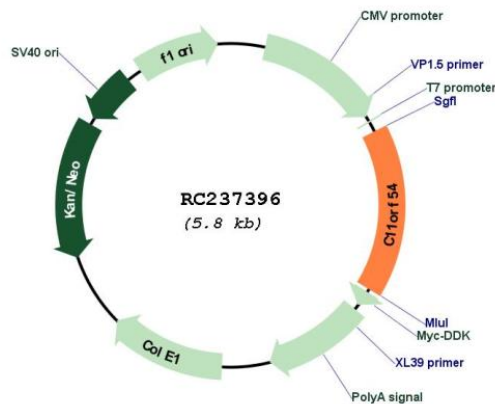
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001286069

**ORF Size:** 945 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001286069.2</a>
<b>RefSeq Size:</b>	2594 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	28970
<b>UniProt ID:</b>	<a href="#">Q9H0W9</a>
<b>Cytogenetics:</b>	11q21
<b>MW:</b>	35.6 kDa
<b>Gene Summary:</b>	Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function]