

## Product datasheet for RC236361

### C15orf54 (NM\_001302797) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C15orf54 (NM_001302797) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C15orf54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC236361 representing NM_001302797 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGTGAATTCATTACTGGCAAGCACGGTGGCAGGAGACCCAGAGGGCTGAGCCGAAAGAATTT  
GCAGAGCCTTATGGCTAACTCCATGGCCTAGTTTGATCTTGAAGTTACTGTCTTGATAATCCTCTCAA  
TCTGTTCTGCACTTAAGAGCCACTCATCACATGACGGAGCTCCCTCTCAGGTTCTTTACATCGCCCTG  
TCAGAAATGACTTTCAGGGAACAGACATCACATCAAATCATCAAACAGATGTCCCTTTCAAATAAGTTGG  
AGCAGAACCAACTATATGGAGAAGTCATAAACAAGAAACAGACAACCCAGTGATTCCAGCGGATTGAC  
ATTACTTTTGCACAGAAACCTCAGTCTCCTGGGTGGAAGAACATGAGTTCAACAAGCGTGTGTGCACT  
ATATTGGCTGACTCTTGCCGTGCTCAGGCTCATGCTGCTGACAGGGGAGAGGGGACATTTTGGAGTCC  
AAATCTTGCATCATTTTCATTGAAGTGTTCAATGTCATGGCTGTAAGAAGTAACCCATTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC236361 representing NM_001302797 Red=Cloning site Green=Tags(s)
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MEVKFITGKHGRRPQRAEPQRICRALWLTWPWPSLILKLLSWIILSNLFLHLRATHHMTPLRFLYIAL  
SEMTFREQTSHQIIQQMSLSNKLEQNQLYGEVINKETDNPVISSGLTLLFAQPKPQSPGWKMSSTKRVC  
ILADSCRAQAAADRGERGHFVQILHHFIEVFNVMVRSNPF

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/mk8046_d11.zip">https://cdn.origene.com/chromatograms/mk8046_d11.zip</a>
Restriction Sites:	Sgfl-Mlul



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**Cloning Scheme:**


**ACCN:** NM\_001302797

**ORF Size:** 549 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001302797.1](#), [NP\\_001289726.1](#)

**RefSeq Size:** 2995 bp

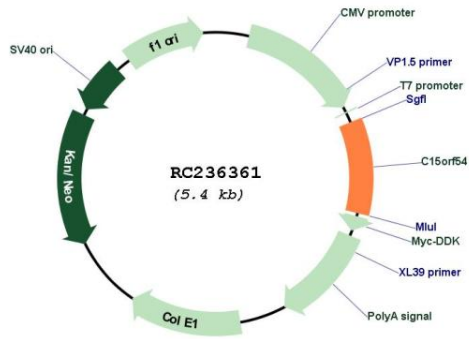
**RefSeq ORF:** 552 bp

**Locus ID:** 400360

**Cytogenetics:** 15q14

**MW:** 21 kDa

Product images:



Circular map for RC236361