

## Product datasheet for **RC223804**

### **C1orf84 (NM\_001012961) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1orf84 (NM\_001012961) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C1orf84  
**Synonyms:** FLJ34502; RP11-506B15.1; SZT2A  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC223804 representing NM\_001012961  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTCGGAGCGCCCGGAGCCGGAGGTGGAAGAAGCTGGGCAGGTGTTCTGTAAATGAAAAAGGATT  
ATCGAATCTCCCGAAATGTTGCGCTGGCTTGGTTCCTCAGTCATCTGCACCAAACGTGCAGGCCACACC  
CCAGGAGATGCTGTCTGAACAGGAATTGGAAGTCTCAGTGTCTGCCCTGGTGGCAGCCAGATGAA  
CCAGTGGTCCCAAGGCCATTCTCCTGGTACCTCCACCCGGTACCTTCTGGCTTGGCAGTATCGGT  
TTGTCATTGAGTTGGACCTTAGCCATCTACTGGCATTGTGGATGATTCCACAGGGGAGATCTTGTGTTGA  
TGAAGTTTTCCATGCCCTGTCCCGCTGCTTAGGGGGCTGCTTCGGCCCTCCGAGTGCCTGGATCTTGC  
ATCGACTTCCAGCCTGAGATCTATGTAACATCCAGGCCTACTCCTCCATCATTGGACTGCAGTCCACCC  
AGAGACAGGGTTTCACCATGTTGGCCAGGCTGCCCTCGAACTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC223804 representing NM\_001012961  
**Red=Cloning site Green=Tags(s)**

MASERPEPEVEEAGQVFLMKDYRISRNVRLAWFLSHLHQTQVATPQEMLSEQELEVLVLPGWQPDPE  
PVVPRPFLVLPSTRVTFWQYRFVIELDLSPSTGIVDDSTGEILFDEVFHALSRCLGLLRPFVPGSC  
IDFQPEIYVTIQAYSSIIQLQSHQRQGFMLARLPSNF

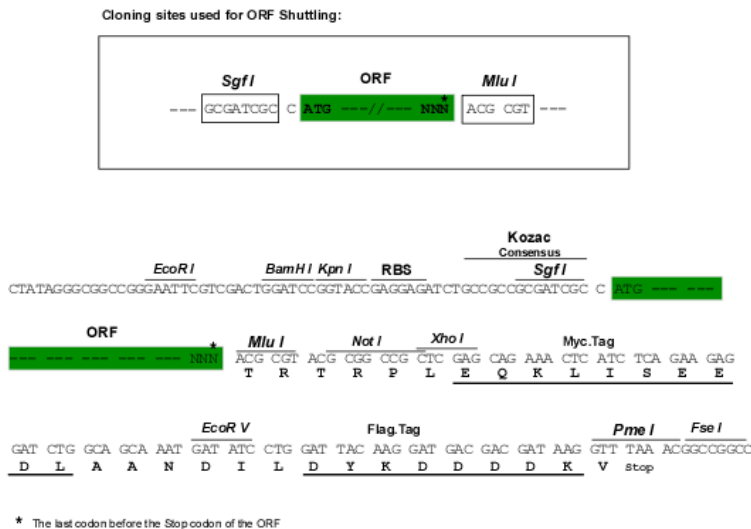
**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8047\\_a05.zip](https://cdn.origene.com/chromatograms/mk8047_a05.zip)



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001012961

ORF Size: 534 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\\_001012961.1](#), [NP\\_001012979.1](#)

RefSeq Size: 1213 bp

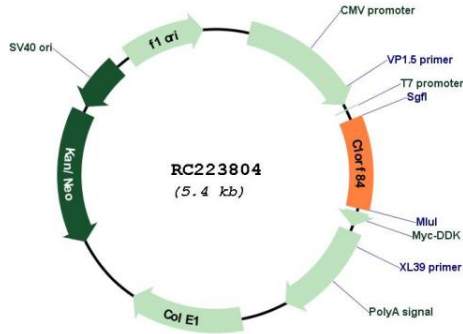
RefSeq ORF: 536 bp

Locus ID: 149469

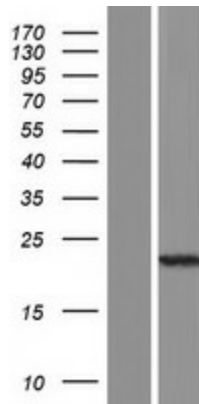
Cytogenetics: 1p34.2

MW: 20.1 kDa

**Product images:**



Circular map for RC223804



Western blot validation of overexpression lysate (Cat# [LY422841]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223804 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).