

## Product datasheet for RC203921

### C10orf12 (NM\_015652) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf12 (NM_015652) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C10orf12
Synonyms:	DKFZp564P1916; FLJ13022
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203921 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGAGTTCAGCTTTAGTAGAAAGTCTAATTACAGTAAAAATGGCAGCTGAGAATAGTGAGGAAGGCA  
ATACCTGTATTATTCCTCAAAGAAATTTGTTCAAAGCTTTATCAGAAGAGGCTTGGAACTCAGGGTTTAT  
GGGAACTCATCTAGAAGTCTGACAAAGAGAATACTTTACAGTGTCCAAAAACACCTTTGCGCCAGGAT  
TTAGAGGCAAATGAACAAGATGCAAGGCCAAAGCAAGAGAACCATCTTCACTCTCTGGGAAGAAATAAGG  
TGGGTTACCATTTACATCCCAGTGATAAGGGCCAGTTTGATCATTCCAAAGATGGTTGGTTAGGCCCCGG  
CCCTATGCCAGCTGTACAAAGCGGCAAATGGACACTCAAGAACCAAGATGATATCAACCTCCATCAAG  
ACAGCTCGGAAAAGTAAAAGGGCATCAGGGCTGAGGATAAATGATTATGATAACCAAGTGTGATGTTGTT  
ATATCAGTCAACCAATAACAGAATGCCACTTTGAGAATCAAAAATCAATATTATCTTCTCGGAAAACAGC  
CAGAAAGAGTACTCGAGGATACTTTTTCAATGGTGACTGTTGTGAGCTGCCAACTGTTTCGTACACTGGCC  
AGAAATTTACTCTCCAGGAAAAGCAAGCTGCTCAGCATTGGCATCAGAGGCAGTTTCACTCCTAAGC  
ACCTAGCAAGGAAATCACCTCTCAGGAGGAGGAGGTGGAGACGTTTACCTCGAAAAGAACCCTCAAGAG  
CCTGAGGTTTGGCCCAAAGATTAAGCCGAACCTGAGCAGCTCCCTAGGTGAGGAAACGACAGCCT  
CCAGCCTGGTGTGGCCTCTCCCTGCTCACCTTCTGAAGAGGACCTGCCAGAAGGTGGCTCCACAGTCTC  
AGCTCCCACAGCAAGTGGGATGTCTTCTCTGAACACAACCAACCACAGTTGCACTGTTGGATACGGAG  
GAGATGAGTGTACCCAGGACTGTACCTCCTTCCCTCCACTGAAAGCTTTTCCGGGGGAGTCAGTGAAG  
ATGTCAATTTAGGCCTCATTCTCCTGAAATAGTCAGTAGAGAAGAAAGTCTCAGTGCTCAGAAAA  
TCAGAGTTCCTCAATGGCTTGGAGCCCCCATGAGTCTGGAAAGGCTGAGGACAACCAAGCATCAGT  
GCTGAGGTTGAGTCTGGAGACCCAGGAGCTAAATGTCGACCCACTCTGAAGGAAAGCAGCACTTTTA  
CTGATGAAAACCCAGTAAAAGTGAAGAAAGTGAAGCAGCAGGTGGTATAGGAAAATTAGAGGGAGAGGA  
CGGTGATGTAATAATGCCTGTCAGAAAAGACACGTATGATACAAGCATTGACTCACTCGAAGAGAATTTG



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GACAAGAAGAAAAAGGTAAAAATTCCTGAGGCCTCTGATAGGTGCCTAAGAAGTCAACTTTCCGATT  
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AAAGTATTGCTTGTAAAGAGGGACCCAGAACAGGCAAAAGAAGAGCCAGGGCATATTCACACACAGCATGT  
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AGCTCTCTTGGTGTGCGAGTAGTGAAGTGGTGTGCTGCTAGGGCACCAAAATCGGTGCCAAGGCCTA  
AAAGATTGACCTTTCAACCTACAACCTAAGACACGCTCATTCTCTGGGCTCCTTGGATGCTTCAAAGT  
GACTTCAGAAAAGGAAGCTGCACAAGTAAACCCCATATGCCAAAGGAAAATGGAGCTTCAGAGAGTGA  
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TTATGACAAACTTTAAATTAATCTAATGTTTGAATGGTCTTAGAGACAACGAAACCCGGTCTCTAGT  
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GCTCCTCCAGCCTATATCCAGTTCACCTACAGGCTGAGCGCTTGAAAAAGCACTTGAAGAAATTCCTG  
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GAAGATAGAAACAGTTCCTCCAGCAAACCTGCCACTCCAGCCAGTACCCGGATTCTTAGAAAATATT  
CCAATATTCGAGGAAAGCTCAGAGCCAGCAACGTTTAAATCAAGAATGAGAAAATGGAATGCCAGATGC  
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CTGCAAGTGGATGCAGATGGGTTTCTGTTAAGCCCAAGAGTACTGAAGGAATGAAGGGAAGGAAGGGGA  
AGCAGGTGTCTGAAATCTTGCTAAAGCAGAAAGTTCAGAGTAAACGCAAGAGAACAGAAGGCAGCAGCCC  
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AGAATAAAGTGAAGATCCCTAAAAAGTCCGCTGGGAAGAGCTGCCCTCCCTCCAGGAAAGAAAAGAGAA  
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GGTGAATCCTCTCAAGGCCTCAGAAAGCCACGAATAGGAAGCAGAGTAGTGGAAAGACTCGGGCCAGAC  
CCTCAACGAAAACCCAGAGAGCAGTGCAGCTCAGAGAAAAGCAGAAAGCTGAAGGCAAGCTGGACTGTT  
GCACAGCAAACGGAGGGCTGGATGCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC203921 protein sequence  
 Red=Cloning site Green=Tags(s)

MQSSALVESLITVKMAAENSEEGNTCIIPQRNLFKALSEEAWNSGFMGNSRTADKENTLQCPKTPLRQD  
 LEANEQDARPKQENHLHSLGRNKVGYHLHPSDKGQFDHSDKGWLGPGMPAVHKAANGHSRTKMISTS  
 TARKSKRASGLRINDYDNQCDVVYISQPIITECHFENQKSLSSRKTARKSTRGYFFNGDCCCLPTVRTLA  
 RNLHSQEKASCALASEAVFTPKQTLTIPAPRHTVDVQLPREDNPEEPSKEITSHEEGGDVSPRKEPQE  
 PEVCPTKIKPNLSSSPREETTASSLVWPLPAHLPEEDLPEGGSTVSAPTASGMSSPEHNQPPVALLDTE  
 EMSVPOQDCHLLPSTESFSGGVSEVDISRPSPPEIVSREESPQCSSENQSSPMGLEPPMSLGAEDNQ  
 AEVESGDTQELNVDPLLESSTFTDENPSETEESEAAGGIGKLEGEDGDVKCLSEKDYDTSIDSLEENL  
 DKKKKGGKFFPEASDRCLRSQSDSSADRCLRNQSSDSSSACLEIKVPKNPSAKRSKKEGHPGGTTPKGL  
 LPDSFHTETLEDTEKPSVNERPSEKDAEQEGEGGGIITRQTLKNMLDKEVKELRGEIFPSRDPITTAGQP  
 LPGERLEIYVQSKMDEKNAHIPSESIACKRDPEQAKEEPGHIPTQHVEEAVNEVDNENTQQKDESDAPC  
 SSLGLSSSGSDAARAPKSVPRPKRLTSSYINLRHAHSLGSLDASKVTSEKAAQVNPIMPENGASESG  
 DPLDEDDVDTVDEQPKFMEWCAEEENQELIANFNAQYMKVQKGWIQLEKEGQPTPRARNKSDKLEIWK  
 SKKRSRKRCSLSEQKCSFVQMLFMTNFKLSNVCKWFLETTETRSLVIVKLNTRLPDGDVPPVKHPLQKY  
 APSSLYPSSLQAERLKKHLKKFPGATPAKNWKMQLWAKFRENPDQVEPEDGSDVSPGPNSEDSIEEVK  
 EDNRSHPPANLPTASTRILRKYSNIRGKLRQQRLIKNEKMECPDALAVESKPSRKSVCINPLMSPKLA  
 LQVDADGFPVKPKSTEGMKGRKQVSEILPKAEVQSKRKRTEGSSPPDSKNKGPTVKASKEKHADGATK  
 TPAAKRPAARDRSSQPPKTSLENKVKIPKKSAGKSCPPSRKEKENTNRKPSQSIASETLTKPAKQKGA  
 GESSSRPQKATNRKQSSGKTRARPSTKTPESSAAQRKRKLKAKLDCSHSKRRRLDAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6713\\_a03.zip](https://cdn.origene.com/chromatograms/mk6713_a03.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

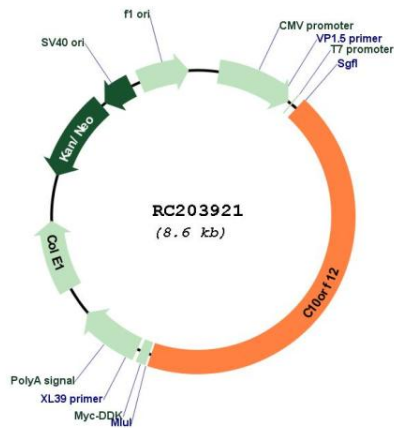


**ACCN:** NM\_015652

**ORF Size:** 3741 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>	<u><a href="#">NM_015652.3</a></u>
<b>RefSeq Size:</b>	4565 bp
<b>RefSeq ORF:</b>	3744 bp
<b>Locus ID:</b>	26148
<b>Cytogenetics:</b>	10q24.1
<b>MW:</b>	137.2 kDa

**Product images:**



Circular map for RC203921