

Product datasheet for RC212474

C17orf50 (NM_145272) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C17orf50 (NM_145272) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C17orf50
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC212474 representing NM_145272
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATAAGCATGGTGTGAAGACCCCTTGTGGAAGAAGGAAACGGAAGAGCTCCGGGCCGAGGACGCGG
 AGCAAGAGGAAGGGAAGGAGGGGTCCGAGGACGAGGACGAGGACAACCAGAGGCCGCTGGAGGACAGCGC
 GACGGAGGGCGAGGAGCCGCCGGGTAGCGGAGGAGGGCGAAGGCCGCGAGCGCGCTCAGTGTCTAC
 TGCCCGCTGCGCCAGGAGTCCAGCACCCAGCAGGTGGCGCTGCTCGCGCGCGGACAGCGGCTTCTGGG
 GCTGGCTCGGCCCTTAGCGCTGCTGGGCGGCTAACAGCTCCACCGACAGGAAGCGGAGCCTCCCGGA
 GGAGCCGTGCGTGGAGATCCGGCGACGACCGCGCGCGGGGCTGTGCTTGGTGGAGCTCCTC
 TTCTGCAAGAAATGCAGGAGTCTGCACAGCCACCCAGCCTATGTGGCGCACTGCGTTCTGGATCACCCGG
 ATCTGGGTAAGGCGGGGCCGCTGGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212474 representing NM_145272
 Red=Cloning site Green=Tags(s)

MDKHGKVTPLWKKETEELRAEDAEQEEGKEGSEDEDEDNQRPLEDSATEGEEPPRVAEEGEGRRERSVSY
 CPLRQESSTQQVALLRRADSGFWGWLGPLALLGGLTAPTDRKRSLEPEPCVLEIRRRPPRRGGCACCELL
 FCKKCRSLHSHPAYVAHCVLDPDLGKAGAAGNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8114_h12.zip
Restriction Sites: Sgfl-Mlul



[View online »](#)

Cloning Scheme:


ACCN: NM_145272

ORF Size: 1122 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_145272.4](#)

RefSeq Size: 1031 bp

RefSeq ORF: 525 bp

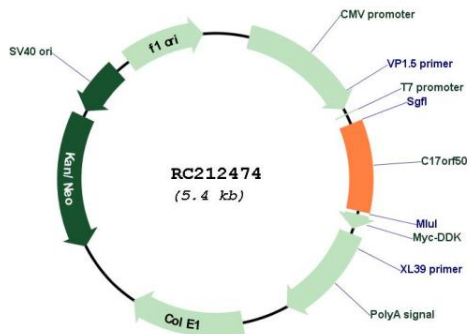
Locus ID: 146853

UniProt ID: [Q8WW18](#)

Cytogenetics: 17q12

MW: 19.2 kDa

Product images:



Circular map for RC212474