

Product datasheet for RC235891

C18orf21 (NM_001201476) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C18orf21 (NM_001201476) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C18orf21
Synonyms: HsT3108; PNAS-124; PNAS-131; XTP13
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC235891 representing NM_001201476
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGACAGAAGCACTACCTTGAGGCTGCAGCGCGGGGACTGCACGACAGCTGCCCGGGCCAAGCCCGCT
 ACCTCCTCTGGGCTACACTTCGTGCGACGATGATAAGAGCACTTTGAAGAAACGTGTCCATACTGTTT
 CCAGCTGTTGGTTCTGGATAACTCTCGAGTGGTCTCAAACCCAAAGCCAGGTTGACACCCAAAATACAG
 AAATTCTTAATCGAGAAGCGAGAACTATACACTCAGTTTTAAAGAAGCAAAAATGGTAAAAAGTTCA
 AAGACTCCAAAAGTGTATTGAACACCTACATCTGGACAGTCAGTATCTACTTGCTCCTCAAAGAACACCA
 GCAAAACAAAGAAACACTTCTCTCAACTAAAAATGTTACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235891 representing NM_001201476
 Red=Cloning site Green=Tags(s)

MRQKHYLEAAARGLHDSCPGQARYLLWAYTSSHDDKSTFEETCPYCFQLLVLDNSRVRLKPKARLTPKIQ
 KLLNREARNYTLSEKAKMVKFKDSKSVLNTYIWTVSIYLLLEHQQNKETLLSTKNVT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001201476

ORF Size: 390 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.

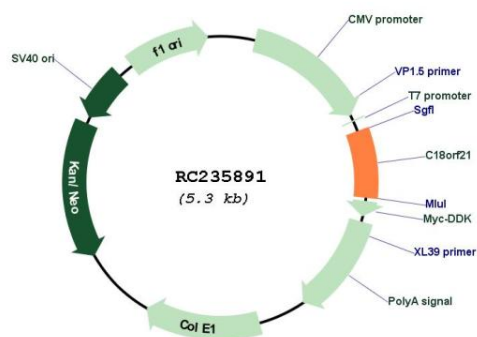
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001201476.1](#), [NP_001188405.1](#)

RefSeq Size: 866 bp

RefSeq ORF: 393 bp
 Locus ID: 83608
 Cytogenetics: 18q12.2
 MW: 15.7 kDa

Product images:



Circular map for RC235891