

Product datasheet for RC210784

C13orf30 (FAM216B) (NM_182508) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C13orf30 (FAM216B) (NM_182508) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C13orf30
Synonyms: C13orf30
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC210784 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACAAAAGTGGAAAAGACAACAAAAGCTTTGGAATGTTCCACAACCTCCTTTTATTTCGAGTTCCTC
 CCTCCATCTATGACACTTCCTTACTAAAGGCCCTCAACCAAGGGCAACAGCGCTACTTTTACAGCATTAT
 GAGGATTTACAACCTCCAGGCCCCAGTGGGAGGCCCTGCAGACCCGCTACATTCACAGCCTTCAGCACAA
 CAGCTGCTTGGCTATATTACTCAACGGGAAGCCTTGCTTATGCTCTTGTACTTAGAGATTCAACCAAGA
 GAGCCTCAGCCAAGGTAGCTCCTCAAAGAACCATTCCCCGAAAACCTTCAGCCATGACAAGAAGATGTCC
 ATCAGTACTACCTGTATCTGTGGTTCTACCTAGGGCCCAAAGTAAAGGGCCAAGTGCTCAGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC210784 protein sequence
 Red=Cloning site Green=Tags(s)
 MGQNWKRQQLWNPQLPFIRVPPSIYDTSLLKALNQQQRYFYFYSIMRIYNSRPQWEALQTRYIHSLQHQ
 QLLGYITQREALSYALVLRDSTKRASAKVAPQRTIPRKT SAMTRRCPSVLPVSVVLPRAQSKRRQVLRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6374_e05.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_182508

ORF Size: 417 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.

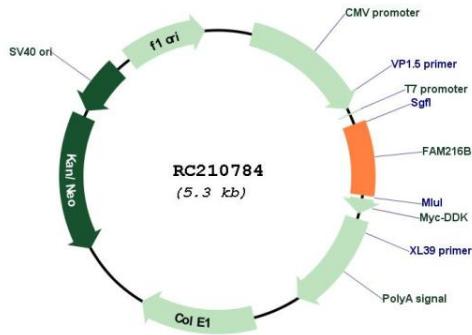
RefSeq: [NM_182508.2](#), [NP_872314.1](#)

RefSeq Size: 3318 bp

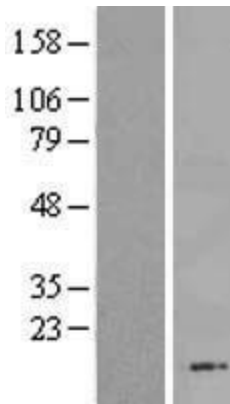
RefSeq ORF: 420 bp

Locus ID: 144809
 UniProt ID: [Q8N7L0](#)
 Cytogenetics: 13q14.11
 MW: 16.4 kDa

Product images:



Circular map for RC210784



Western blot validation of overexpression lysate (Cat# [LY405528]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210784 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).