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# 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)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGACAAAACTGGAAAAGACAACAAAAGCTTTGGAATGTTCCACAACTTCCTTTTATTCGAGTTCCTC
CCTCCATCTATGACACTTCCTTACTAAAGGCCCTCAACCAAGGGCAACAGCGCTACTTTTACAGCATTAT
GAGGATTTACAACTCCAGGCCCCAGTGGGAGGCCCTGCAGACCCGCTACATTCACAGCCTTCAGCACCAA
CAGCTGCTTGGCTATATTACTCAACGGGAAGCCTTGTCTTATGCTCTTGTACTTAGAGATTCAACCAAGA
GAGCCTCAGCCAAGGTAGCTCCTCAAAGAACCATTCCCCGGAAAACTTCAGCCATGACAAGAAGATGTCC
ATCAGTACTACCTGTATCTGTGGTTCTACCTAGGGCCCAAAGTAAAAGGCGCCAAGTGCTCAGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

**Protein Sequence:**

```
>RC210784 protein sequence
Red=Cloning site Green=Tags(s)

MGQNWKRQQKLWNVPQLPFIRVPPSIYDTSLLKALNQGQQRYFYSIMRIYNSRPQWEALQTRYIHSLQHQ
QLLGYITQREALSYALVLRDSTKRASAKVAPQRTIPRKTSAMTRRCPSVLPVSVVLPRAQSKRRQVLRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

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

**Restriction Sites:** SgfI-MluI

View online »

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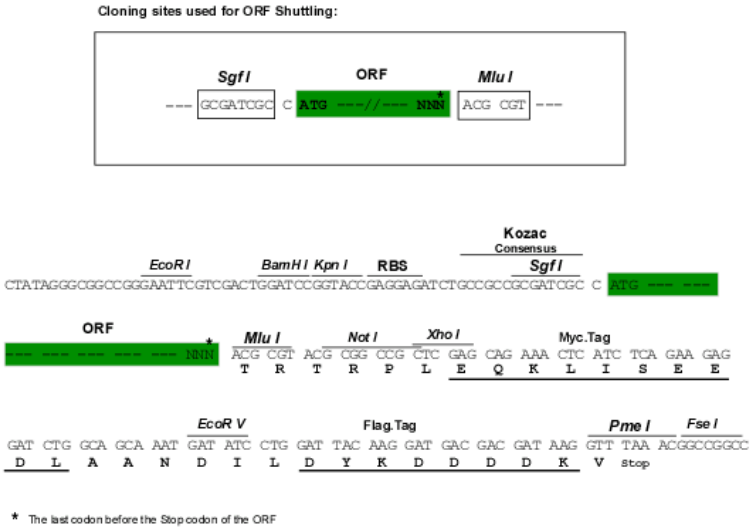
**Cloning Scheme:**




| | |
|---|---|
| **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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_182508.2, NP_872314.1 |
| **RefSeq Size:** | 3318 bp |
| **RefSeq ORF:** | 420 bp |
| **Locus ID:** | 144809 |
| **UniProt ID:** | Q8N7L0 |

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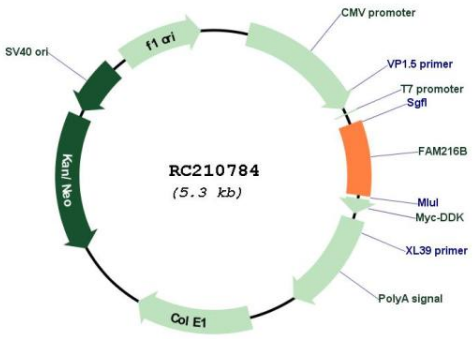
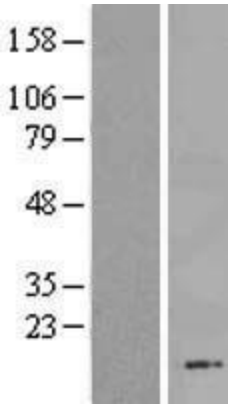
**Cytogenetics:** 13q14.11

**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 un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210784 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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