

Product datasheet for RC227406

C11orf96 (NM_001145033) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C11orf96 (NM_001145033) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C11orf96
Synonyms: AG2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC227406 representing NM_001145033
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGCCAAGCCCGGCGAGCTGATGGGCATCTGCTCCAGTTACCAGGCGGTGATGCCGCACTTCGTGT
GCCTGGCCGACGAGTTCCTCGCAGCCCGTGCAGCCGCCAAGCTGCCAAGGGCCGGGCGGCTGCGGCG
GCCGCGCCAGTCTCGCTCAAGACGCAGCCGGTACCTTCGACGAGATCCAGGAGGTGGAGGAGGAGGGG
GTGTCCCCATGGAGGAGGAGAAGGCCAAGAAGTCGTTCTGCAGAGCCTGGAGTGCCTGCGCCGACGA
CGCAGAGCCTGTCGCTGCAGCGGAGCAGCTCAGCAGCTGCAAAGTGGAGAACAGCCTGGACTCCAGCGA
CTCCGACTCGGCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227406 representing NM_001145033
Red=Cloning site Green=Tags(s)

MAAKPGELMGICSSYQAVMPHFVCLADEFPQVPRPAKLPKGRGLRRRPRQSRFKTQPVTDFDEIQEVEEEG
VSPMEEEKAKKSFLQSLQSLRSTQSLSLQREQLSSCKLRNSLSDSDSDSAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8038_a01.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001145033

ORF Size: 366 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_001145033.2](#)

RefSeq ORF: 369 bp

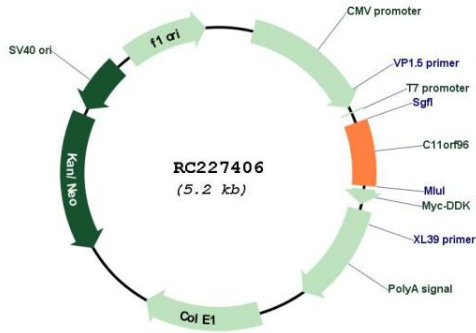
Locus ID: 387763

UniProt ID: [Q7Z7L8](#)

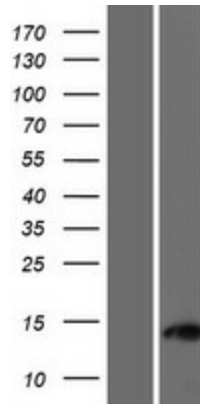
Cytogenetics: 11p11.2

MW: 13.6 kDa

Product images:



Circular map for RC227406



Western blot validation of overexpression lysate (Cat# [LY428656]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC227406 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).