

Product datasheet for RC206202

C10orf82 (NM 144661) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: C10orf82 (NM_144661) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: C10orf82
Mammalian Cell Neomycin

Selection:

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide >RC206202 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGGAGAGGCCAAGAAGCCATCTGAAACCATATGAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206202 protein sequence

Red=Cloning site Green=Tags(s)

MEPSKTFMRNLPITPGYSGFVPFLSCQGMSKEDDMNHCVKTFQEKTQRYKEQLRELCCAVATAPKLKPVN SEETVLQALHQYNLQYHPLILECKYVKKPLQEPPIPGWAGYLPRAKVTEFGCGTRYTVMAKNCYKDFLEI

TERAKKAHLKPYEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6318 h08.zip

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

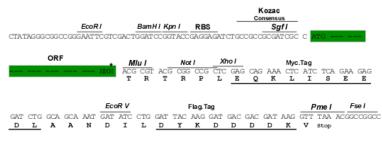
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_144661

ORF Size: 462 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.

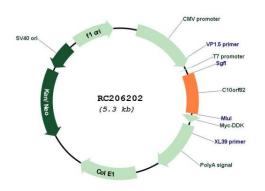
RefSeq: <u>NM 144661.4</u>

RefSeq Size: 1009 bp
RefSeq ORF: 465 bp
Locus ID: 143379
UniProt ID: Q8WW14

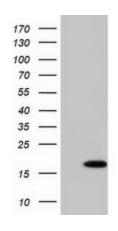


Cytogenetics: 10q25.3 MW: 17.8 kDa

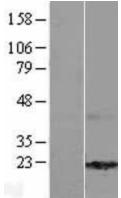
Product images:



Circular map for RC206202

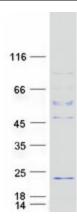


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY C10orf82 (Cat# RC206202, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C10orf82(Cat# [TA501481]). Positive lysates [LY408200] (100ug) and [LC408200] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY408200]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206202 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).





Coomassie blue staining of purified C10orf82 protein (Cat# [TP306202]). The protein was produced from HEK293T cells transfected with C10orf82 cDNA clone (Cat# RC206202) using MegaTran 2.0 (Cat# [TT210002]).