

Product datasheet for RC214110

OTUD4 (NM_017493) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: OTUD4 (NM_017493) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: OTUD4
Synonyms: DUBA6; HIN1; HSHIN1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC214110 representing NM_017493
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTGTATTCCTACTATCTTCGAGAGAACAGAGAGAAATTTGAAGCGTTTATAGAAGGATCATTTGAAG
AATATTTAAAGCGTTTGGAAAATCCACAGGAATGGTAGGACAAGTGAAATAAGTGCCTTTCTCTTAT
GTACAGGAAAGATTTTATAATTTATCGGGAACCAATGTTTCTCCTTACAAGTAACAGAAAATAATTTT
CCTGAAAAGGTGTTACTGTGTTTTTCAAATGGAATCATTATGATATTGTGTATCCATAAAGTATAAAG
AAAGCTCTGCTATGTGTCAGTCTCTCCTTTATGAATTGCTGTATGAGAAGGATTTAAAAGTATGTTAG
TAAAATTTGATGGAAGTAGACACGTTGGAAGTAGCTGATGAAGATAACAGTGAATATCAGATTCAGAG
GATGACAGTTGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

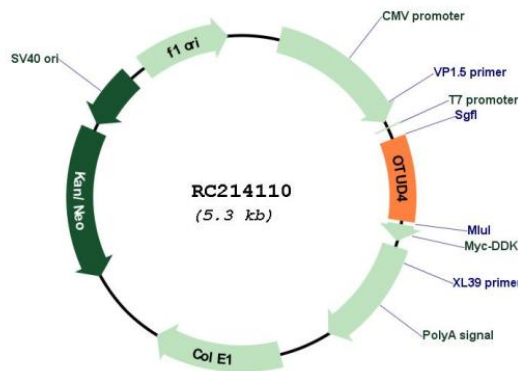
Protein Sequence: >RC214110 representing NM_017493
Red=Cloning site Green=Tags(s)
MACIHYLRENREKFEAFIEGSFEEYLKRLNQPQEWVQVEISALSLMYRKDFIYREPNVSPSQVTENN
PEKVLLCFSNGNHYDIVYPIKYKESSAMCQSLLYELLYEKVFKTDVSKIIVMELDTLEVAEDNSEISDSE
DDSCK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:

Plasmid Map:


ACCN: NM_017493

ORF Size: 435 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:	<ol style="list-style-type: none">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_017493.7</u>
RefSeq Size:	846 bp
RefSeq ORF:	438 bp
Locus ID:	54726
UniProt ID:	<u>Q01804</u>
Cytogenetics:	4q31.21
Domains:	OTU
MW:	17 kDa
Gene Summary:	Alternatively spliced transcript variants have been found for this gene. The smaller protein isoform encoded by the shorter transcript variant is found only in HIV-1 infected cells. [provided by RefSeq, Jul 2010]