

Product datasheet for **RR213749**

Ube2l6 (NM_001024755) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2l6 (NM_001024755) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ube2l6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213749 representing NM_001024755
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGCCAGCAAGCGAGTGGCTAAAGAGCTGGACGATCTTTCGAAGGAGCTCCGCCATACCTGCGCC
ACCTGTCTAGCGATGATGCCAATGTGCTGGTGGCACATGCTCCTGCTGCCAGACCAACTCCCTATCG
CCTCAAGGCCTTCGGTCTGCGGATTGATTTCCCAGGGAGTATCCACTTAAGCCTCCCACCTTGAGATTC
ACCACCAAGATCTACCACCCCAACATCAGTGAGGATGGACTGGTGTGCCTTCCCCTCATCAGCACTGAGA
ACTGGAACCTTACACCAAGGCCTATCAAGTCTTGGAGGCCCTCAACATACTGGTGAAGTACCGCAATCT
GGAAGAACCTGTGCGTTTGAAGTACCTGACTCAGGACCCGGAGATGTTGAGGAAGAAGGCA
GAAGAGTTCACCCTTCAATATGGAGTGGACCGACCCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213749 representing NM_001024755
Red=Cloning site Green=Tags(s)

MTASKRVAKELDDL SKELPPYLRHLSSDDANLVVHMLLLPDQLPYRLKAFGLRIDFPREYPLKPPTLRF
TTKIYHPNISEDGLVCLPLISTENWKPYTKAYQVLEALNILVSRPNLEEPVRLLEADLLTQDPEMFRKKA
EEFTLQYGVDRPS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

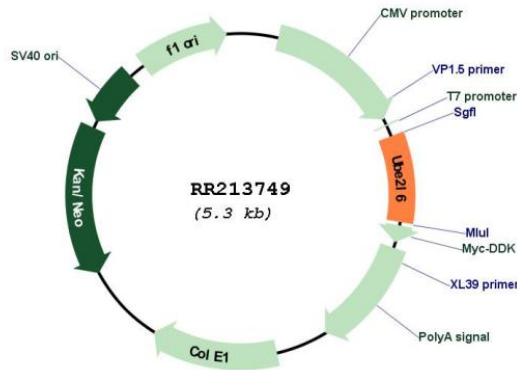


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001024755

ORF Size: 459 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_001024755.1</u> , <u>NP_001019926.1</u>
RefSeq Size:	1438 bp
RefSeq ORF:	462 bp
Locus ID:	295704
UniProt ID:	<u>Q4V8J2</u>
Cytogenetics:	3q24
MW:	17.8 kDa
Gene Summary:	Catalyzes the covalent attachment of ubiquitin to other proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Promotes ubiquitination and subsequent proteasomal degradation of FLT3.[UniProtKB/Swiss-Prot Function]