

Product datasheet for **RR204056**

Ube2v1 (NM_001110345) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2v1 (NM_001110345) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ube2v1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204056 representing NM_001110345
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCACCACAGGCTCGGGAGTAAAAGTCCCTCGAAATTTCCGACTGTTGGAAGAGCTGGAAGAAG
GCCAGAAAAGGAGTAGGCGACGGCAGTTAGCTGGGGTCTGGAGGACGACGAGGACATGACGCTCACAAG
ATGGACAGGCATGATAATTGGCCCTCCACGAACAATTTATGAAAACCGAATATACAGCCTTAAGATAGAG
TGTGGGCCTAAGTATCCAGAAGCACCCCGTCTGTGAGATTTGTAACAAGAGTCAATATGAGTGGCGTGA
GCAGTTCCAATGGAGTGGTGGATCCACGAGCCACAGCAGTGTGGCAAAGTGGCAGAATCCCACAGCAT
CAAAGTCATCCTGCAGGAAGTGGCGCTTGATGATGTCAAAGAGAACATGAAGCTGCCACAGCCACCA
GAAGGACAGTGTACAGCAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204056 representing NM_001110345
Red=Cloning site Green=Tags(s)

MAATTGSGVKVPRNFRLLLEELEEGQKGVGDGTVSWGLEDDEMTLTRWTGMIIGPPRTIYENRIYSLKIE
CGPKYPEAPPSVRFVTRVNMSGVSSNGVVDPRATAVLAKWQNSHSIKVILQELRRLMMSKENMKLPQPP
EGQCYSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_001110345.2, NP_001103815.2</u>
RefSeq Size:	1768 bp
RefSeq ORF:	444 bp
Locus ID:	296390
Cytogenetics:	3q42
MW:	16.4 kDa