

## Product datasheet for **RR202697**

### Uvrage (NM\_001107536) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Uvrage (NM_001107536) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uvrage
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR202697 representing NM\_001107536  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCTCTGCGCCTCGCTCGGGGCCGGTGCCTGCCACCCCGGGCCCGTCCGCCGCGTACAC  
 CGGGTGCACCCACGCGGGCCCTGCATGTGGAGCTGCCGTCTCAGCAGCGCGTCTGCGTCATCTCCGGAA  
 CATTGCTGCTCGGAACATTGTTAACAGAAATGGCCATCAGCTTCTGGATACCTACTTCACTCTTCAATTTG  
 TGTGATAACGAGAAGATCTGTAAGAATTTTATAGGAGTGAAGTGATTAAGAATTCCTTGAATCCAACGT  
 GGAGGAGTCTTGACTTTGGAATAATGCCGACCGTCTGGATACATCTGTGCTCTGCTTTGTGGTGAAGAT  
 TTGGGGTGGAAAGGAAGAGGCCTATCAGCTGTTGATAGAGTGGAAAGTCTACTTGGATGGGCTGAAGTAC  
 TTGGGTGACGAGATCCATGCCCGCAACCAGAATGAAATCATTTTTGGGCTGAACGATGGCTACTACGGTG  
 CTCATTTGAACACAAGGCTCATCCAAATGCACAGAAGAACCCTCCTTCAAGTGGACCAGAAGTGTGTTCCG  
 CAATTCCTATGATGTGTTTTCTTTGCTGCGGCTTCATAGAGCCAGTGTGCAATTAACAGACTCAGGTA  
 ACTGTTACAGAAATTGAAAGGAAATTGAAGAAAACCTAAGACTCACATCGACAAGCAATGAGCTGAAAA  
 AAGAAAGTGAATGTCTGCGATTAAAAATTTGGTGCTTCGAAATGAAGTGGAAAGACAGAAGAAAGCTCT  
 GGGACGGGAGGTGGCCTTCTGCATAAGCAACAAATGGCTCTACAAGACAAGGAAGTGCATTTGCCGCG  
 GAGCACGCGAAGCTTCAGCTGCAGAAGGAATCGCTGAGGGAGCTGAGGAAGGAGTGCACCGCCAAAAGAG  
 AACTCTTTCTGAAGACAAACGCTCAGCTGACCATCCGCTGCAGGCAGTTACTCTCGGAGCTGCTCCTACAT  
 TTACCCTATTGATCTGAATGAGCATAAGGATTATTTGTATGTGGTGTCAAGTTGCCTAATTCGAGGAC  
 TTCCAAGCAAAAGATGATGGAAGCATTGCCGTCGCCCTTGTTTACACTGCACATTTGGTCTCCATGATCT  
 CCTTCTTCTACAAGTACCCCTCAGATATCCCATAAATTCATAAGGGGTCCAGATCAACCATCAAAGATAA  
 CATCAACGACAAGCTGACAGAAAAGGAGAGAGAGTTCCTACTGTATCCAAGGGAGGGGAGAAGCTGCAG  
 TTTGATTATGGTGTCTACCTTCTGAACAAGAACATAGCACAGCTGAGATACCAGCACGGCCTGGGGACTC  
 CAGACTTGAGGCAAACCTTCTCTAACCTGAAAACTTCATGGAGCACGGACTGATGGTCCAGATGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR202697 representing NM\_001107536  
 Red=Cloning site Green=Tags(s)

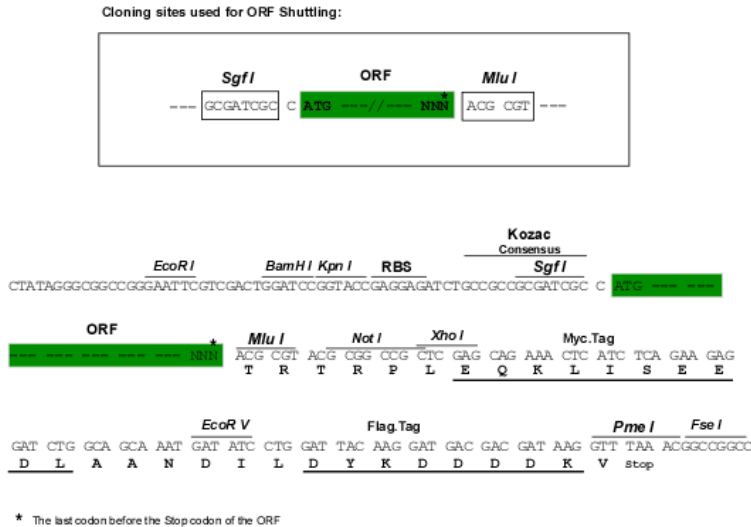
MSSCASLGGPVLPPLPPGSAALTPGAPTRALHVELPSQQRRLRHLRNIAARNIVNRNGHQLLDTYFTLHL  
 CDNEKICKEFYRSEVIKNSLNPTWRSLDFGIMPDLDTSVSCFVVKIWWGKKEAYQLLIEWKVYLDGLKY  
 LGQQIHARNQNEIIFGLNDGYYGAPFEHKAHPNAQKNLLQVDQNCVRNSYDVFSLRLHRAQCAIKQTQV  
 TVQRIGKEIEEKLRLTSTSNELKKESECLRLKILVLRNELERQKKALGREVAFLHKQOMALQDKGSFAAA  
 EHAKLQLQKESLRELKREKTAKRELFLKTNALQITRCRQLLSELSYIYPIDLNEHKDYFVCGVKLPNSD  
 FQAKDDGSIAVALGYTAHLVSMISFFLQVPLRYPYIIHKGSRSTIKDNINDKLTEKEREFPLYPKGGEKLG  
 FDYGVYLLNKNIAQLRYQHGLGTPDLRQTLPNLKNFMEHGLMVRW

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001107536

**ORF Size:** 1395 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\\_001107536.1](#), [NP\\_001101006.1](#)

**RefSeq Size:** 3874 bp

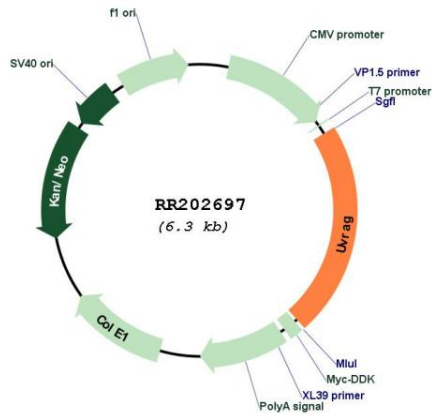
**RefSeq ORF:** 1398 bp

**Locus ID:** 308846

**Cytogenetics:** 1q32

**MW:** 53.4 kDa

Product images:



Circular map for RR202697