OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN205251

Usp31 (NM_001107548) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp31 (NM_001107548) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN205251 representing NM_001107548
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGCCTGAGGGACCATCTTTTCCGGTGTGTAGCACTTTTGTACAGGAGCTTTTTCAAGCCCAGTACA
GGTCTTCTTTGACATGTCCTCATTGTCAGAAACAGAGCAACACTTTTGACCCTTTCCTGTGCATTTCTTT
GCCAATTCCTCTACCCCATACAAGGCCTCTCTATGTCACTGTAGTGTATCAAGGGAAATGTTCCCACTGC
ATGAGGATCGGTGTGGCTGTGCCTCTGTCTGGGACTGTTGCCAGACTTCGGGAAGCTGTGTCTATGGAGA
CAAAGATCCCCACTGATCAGATTGTGTTAACAGAAATGTACTATGATGGGTTCCATCGTTCCTTTAGTGA
CACAGATGACCTGGAGACAGTCCATGAAAGTGATTGCATTTTTGCCTTTGAGACTCCAGAAATATTTAGG
CCTGAAGGAATTCTCAGTCAAAGAGGCATTCACTTAAACAACAATCTAAACCACTTGAAATTTGGCCTGG
ATCATCATAGGCTGTCTTCCTCCACACCAACAGCAGCCAAACAAGGGAGAGTAGACTTGCCCAGCAGAGT
GGCAAGCGACAAGATTGTTCTGCTTGTATGTAACAGGGCCTGCACTGGGCAGCAAGGGAAAAGATTTGGA
CTGCCCTTCGTCCTACACCTAGAGAAGACAGTGGCATGGGATCTTCTGCAGAAGGAGATCCTGGAGAAGA
TGAAGTATTTCTTGAGGCCTACTGTCAGCGTCCAGGTGTGCCCATTCAGTTTGCGTGTGGTCAGTGTTGT
GGGAATAACTTACTTGCTGCCTCAGGAAGAACAGCCCTTGTGCCACCCGACAGTAGAAAGGGCATTAAAG
TCCTGTGGACCAGGCGGCACAGCTCATGTGAAACTGGTAGTAGAGTGGGACAAGGAGACCAAAGATTTCT
TGTTTGTAAACACAGAAGATGAGTATATCCCTGATGCAGAGAGTGTCCGTCTGCAGAAGGAGCAGCATCA
TCAACCACAGACCTGCACTTTATCACAGTGTTTCCAACTCTACACCAAAGAGGAACGGCTTGCTCCAGAT
GATGCCTGGCGGTGCCCACACTGCAAGCAGCTGCAGCAGGGGAGCATCACATTAAGCCTGTGGACTCTGC
CTGATGTGCTTATCATACACCTTAAGAGATTCCGCCAGGAAGGAGACAGGCGTATGAAACTTCAGAACAT
GGTCAAGTTCCCCTTGACTGGCCTGGACATGACACCTCATGTAGTTAAGAGAAGCCAGAGCAGCTGGAGC
TTGCCATCTCATTGGTCCCCATGGAGACGGCCCTATGGACTCGGGAGGGACCCTGAGGACTACATCTATG
ACCTGTATGCTGTGTGCAATCATCATGGCACCATGCAAGGGGGGCACTACACAGCATACTGTAAGAACTC
CGTGGATGGTCTCTGGTATTGCTTCGATGACAGTGATGTGCAGCAGCTGTCAGAAGATGAGGTGTGCACG
CAGACAGCTTACATCCTTTTCTACCAGAGGCGGACAGCTATCCCATCATGGTCAGCCAATAGCTCCGTGG
CAGGTTCCACAAGTTCTTCTCTGTGTGAGCACTGGGTGAGCCGGCTCCCAGGAAGCAAGCAAGCCAGTGT

View online »

GACTTCTGCAGCTTCCTCCAGACGCACATCCTTGGCCTCACTGTCTGAGTCTGTGGAGATGACAGGGGAG
AGGAGTGAAGACGATGGAGGCTTTTCTACTCGACCATTCGTGAGAAGTGTGCAGCGTCAAAGCTTGTCAT
CCAGATCTTCTGTCACCAGCCCCTTAGCTGTCAATGAAAACTGCATGCGGCCTTCTTGGTCCCTGTCTGC
CAAGCTGCAGATGCGCTCCAATTCTCCCTCCCGCTTCTCAGGGGACTCCCCAATCCATGGGTCTGCCTCC
ACTCTTGAAAGGATTGGAGAGGCAGGTGATGACAAAGTGTCCATCTCTTGCTTTGGTAGTCTGCGGAACC
TTTCTGGTAGCCACCAGGAACCAAGTGATAGTCACAGTAGACGAGAGCACAAGGCTGCGGGCCGGGCCCC
ACTGGCTGTCATGGAAGGTGTGTTCAAAGATGACTCAGACTCTGGAAAATTGAACTCCAGTGTTGTAGAC
ACACCAAGCAAAAACCGAGCACAAGGGGATCATTTGCCCCCAGTCTCTGATCCTTTTGATAATAATAACC
AGATTGCTTATGTGGACCAGAGTGATTCTGTTGACAGCTCTCCAGTCAAAGAGGTGAAATCTCCAAGCCA
CTCAGATTCCCTCACAAAGAAGCCAGAGAGCACAACCAAGAGATCCCCTAGTTCCAAAGGCGCTTCTGAA
CCAGAGAAGAGCATGCGGAAGGGAAGGCCGGCCTTGGCTAGCCAGGAATCGTCTCTTTCAAGTCCATCCC
CTTCTTCTCCTGTTCCTGTGAAGGTTTCCATGAAACCTGCCCGCTGTCGGAGCAAAGCAGATTCTTCCAG
GACAAGTGGAAGGCATTCGTCCTCTGCCTCTACCCAACCCAAAAAAGAATCATCCCCCAGGTCCCAGGAA
TCCATGTCATCTCCTTCACCACAGAAGCAAAAGTCTGCTTCTGCCTTTACTTACTCCTCCTCTTCCATAT
CTGCCAAAACAGCCCCAGGCCCTGCCACCAGGGGCCCCCTCCCTTCTGGGAAGAGCAGGACTTCCGACCG
GAGCTTGAGTAGACAGGGTTCCAGACAAAGCTTAGGCTCTGACAGAGCCAGTGTCACCTCCACCTCCACC
TCCAAACCCAGCTCCCCTCGGGTGAATCAGGCCAGAGCAGGGGATAGCAGAGTTGATGGCAAACATGTCC
GGAGCTCCTCCATGGCCAGCCTGCGCTCACCTAGCACAAGTGTACGCTCTGGGTTGAAGAGGGACAGCAA
GTCTGAGGATAAGGGACTGTCCTTCTTTAAGTCAGCCTTGAGACAGAAAGAAACCCGGCGGTCAACTGAT
CTTGGCAAGACAACCTTGCTATCCAAAAAGGCTGGTGGGAGCTCTGTCAAGTCAGTCAGTAAGAACACTG
CAGATGACAAGGCAGAGAAAGGCCATCAACCCCCGGGCTCACAGCAGCCAAACACAAATACAACTGGAAA
GGAACAGCTTGTCTCTAAGGACCCTGCTTCTGCTAAACATTCCTTGCTATCTGCTCGCAGATCCAAGTCT
TCCCAGGTAGATTCCGGAGCTCCCTTGTCTCCCAGTAGCAGGTCGACCACTGAGAAAGGCTCCAAAAAGC
TGTCTTCTAGCATGCAAACCTCTGCACGGCCTTCTCACAAACCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107548

Insert Size: 3270 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001107548.1, NP_001101018.1

RefSeq Size: 5018 bp

RefSeq ORF:	3270 bp
Locus ID:	308959
Cytogenetics:	1q36