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 VC102236

putative NS3 proteinase/ATPase/helicase (NC_001655) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	putative NS3 proteinase/ATPase/helicase (NC_001655) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	putative NS3 proteinase/ATPase/helicase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>The Viral ORF clone VC102236 represents NCBI reference of NP_757357 with codon optimized for human cell expression
Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCCCCTTCACACTGCAATGTTTGTCCGAACGGGGTACCCTGTCCGCCATGGCCGTGGTGATGACCG
GAATAGACCCTCGGACTTGGACTGGGACTATCTTCAGACTTGGAAGCTTGGCCACCTCCTATATGGGTTT
CGTTTGCGACAATGTACTGTATACCGCCCATCACGGGTCAAAGGGACGGCGCTTGGCACACCCTACAGGC
TCCATCCACCCCATCACCGTTGACGCTGCCAACGATCAAGACATCTATCAACCTCCTTGTGGAGCCGGCA
GTCTGACACGGTGCAGCTGTGGGGAAACTAAGGGATACCTCGTTACTAGGCTTGGGTCACTCGTCGAAGT
GAATAAGAGCGACGATCCTTACTGGTGCGTGTGCGGCGCTCTGCCCATGGCCGTCGCAAAGGGGAGCAGT
GGGGCTCCGATCCTGTGTTCATCTGGCCATGTGATTGGCATGTTCACTGCTGCTCGAAACAGTGGAGGAA
GCGTGTCTCAGATCAGAGTCCGGCCTCTGGTTTGCGCTGGCTACCACCCCCAGTATACGGCCCATGCTAC
CCTGGACACTAAGCCAACGGTGCCAAATGAGTACTCTGTCCAGATACTGATTGCCCCTACTGGGTCAGGC
AAGTCCACTAAGCTGCCATTGTCCTATATGCAGGAAAAATATGAAGTGCTGGTCCTGAACCCCAGTGTGG
CCACCACCGCATCTATGCCAAAGTATATGCATGCTACTTATGGCGTTAACCCTAATTGCTACTTTAACGG
AAAATGCACTAACACGGGGGCTAGCCTTACATATTCCACATACGGCATGTATTTGACCGGTGCATGTAGC
AGAAACTACGATGTTATCATTTGCGACGAGTGCCACGCCACCGACGCAACTACGGTCCTCGGGATCGGAA
AGGTGCTCACAGAGGCCCCTTCCAAGAATGTGCGACTGGTCGTGCTCGCAACTGCCACCCCCCCGGGTGT
GATCCCAACCCCTCATGCTAATATTACCGAAATCCAACTGACAGACGAAGGGACCATTCCCTTCCACGGG
AAAAAGATAAAGGAAGAAAATCTGAAGAAAGGCCGGCACTTGATATTCGAGGCTACTAAAAAGCATTGCG
ATGAACTGGCCAATGAGCTGGCAAGGAAGGGGATCACTGCCGTCTCCTATTACCGGGGCTGCGACATCAG
TAAAATCCCTGAGGGGGACTGCGTCGTAGTTGCCACCGACGCCCTGTGTACAGGTTATACTGGCGACTTT
GACAGTGTCTATGATTGCAGCCTCATGGTGGAGGGTACCTGTCACGTCGACCTTGACCCAACTTTCACCA
TGGGAGTTCGGGTGTGCGGAGTATCAGCCATTGTGAAAGGGCAGCGCCGGGGAAGAACAGGGAGGGGGCG
AGCCGGGATTTACTATTACGTGGACGGCTCATGTACCCCTAGCGGCATGGTGCCTGAATGTAACATCGTG
GAAGCATTTGACGCAGCGAAAGCTTGGTATGGCCTGAGTAGTACAGAGGCCCAGACAATCCTCGATACAT
ACAGAACACAACCTGGGCTTCCTGCCATTGGGGCTAACCTCGACGAATGGGCGGATTTGTTCTCTATGGT
TAACCCAGAGCCCTCCTTTGTTAATACCGCTAAGAGAACGGCTGACAATTACGTTCTGCTGACAGCAGCC
CAGCTGCAGCTTTGTCATCAGTATGGCTACGCGGCCCCCAATGACGCCCCCAGATGGCAGGGCGCTCGCC
TCGGCAAAAAACCATGTGGGGTGCTGTGGAGGCTCGACGGAGCAGACGCCTGCCCGGGACCAGAGCCCAG
CGAGGTGACTAGATATCAGATGTGCTTTACAGAAGTGAACACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

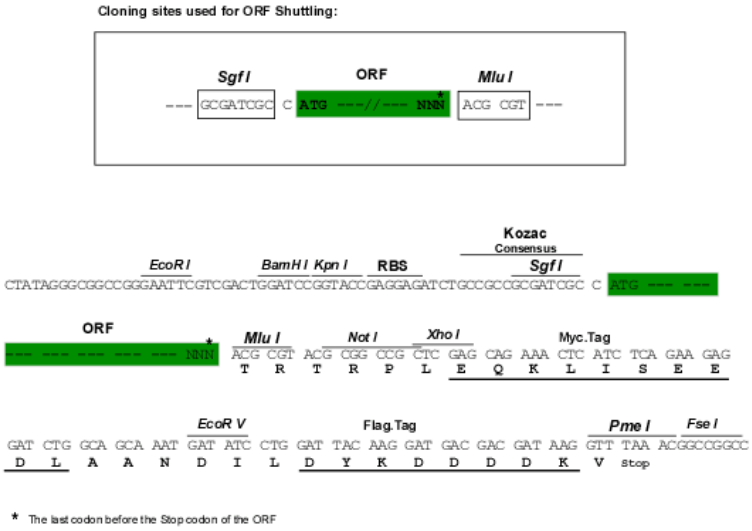
>VC102236 representing NP_757357
Red=Cloning sites Green=Tags

MAPFTLQCLSERGTLSAMAVVMTGIDPRTWTGTIFRLGSLATSYMGFVCDNVLYTAHHGSKGRRLAHPTG
SIHPITVDAANDQDIYQPPCGAGSLTRCSCGETKGYLVTRLGSLVEVNKSDDPYWCVCGALPMAVAKGSS
GAPILCSSGHVIGMFTAARNSGGSVSQIRVRPLVCAGYHPQYTAHATLDTKPTVPNEYSVQILIAPTGSG
KSTKLPLSYMQEKYEVLVLNPSVATTASMPKYMHATYGVNPNCYFNGKCTNTGASLTYSTYGMYLTGACS
RNYDVIICDECHATDATTVLGIGKVLTEAPSKNVRLVVLATATPPGVIPTPHANITEIQLTDEGTIPFHG
KKIKEENLKKGRHLIFEATKKHCDELANELARKGITAVSYYRGCDISKIPEGDCVVVATDALCTGYTGDF
DSVYDCSLMVEGTCHVDLDPTFTMGVRVCGVSAIVKGQRRGRTGRGRAGIYYYVDGSCTPSGMVPECNIV
EAFDAAKAWYGLSSTEAQTILDTYRTQPGLPAIGANLDEWADLFSMVNPEPSFVNTAKRTADNYVLLTAA
QLQLCHQYGYAAPNDAPRWQGARLGKKPCGVLWRLDGADACPGPEPSEVTRYQMCFTEVNT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001655

ORF Size: 1863 bp

OTI Disclaimer: The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

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: NC_001655.1, NP_757357

RefSeq ORF: 1863 bp

MW: 66.7 kDa