

Product datasheet for RC236122

VOPP1 (NM_001284282) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: VOPP1 (NM_001284282) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: VOPP1
Synonyms: ECOP; GASP; WBP1L2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC236122 representing NM_001284282
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGCACAGAAGCCAAAAAGCATTGCTGGTATTTGAAGGACTCTATCCAACCTATTATATATGCCGCT
CCTACGAGGACTGCTGTGGCTCCAGGTGCTGTGTGCGGGCCCTCTCCATACAGAGGCTGTGGTACTTCTG
GTTCTTCTGATGATGGGCGTGCTTTTCTGCTGCGGAGCCGGCTTCTTCATCCGAGGCGCATGTACCCC
CCGCCGCTGATCGAGGAGCCAGCCTTCAATGTGCTCCTACACCAGGCAGCCCCAAATCCCGGCCAGGAG
CCCAGCAGCCGGGGCCGCCCTATTACACCGACCCAGGAGACCGGGGATGAACCTGTGCGGAATTCAT
GGCAATGGCTTTCCAGGTCCCACCAACTACCCAGGGGAGTGTGGCCTGCCCGCCCCCTCCAGCCTAC
TGCAACACGCCTCCGCCCCCTACGAACAGGTAGTGAAGGCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236122 representing NM_001284282
Red=Cloning site Green=Tags(s)

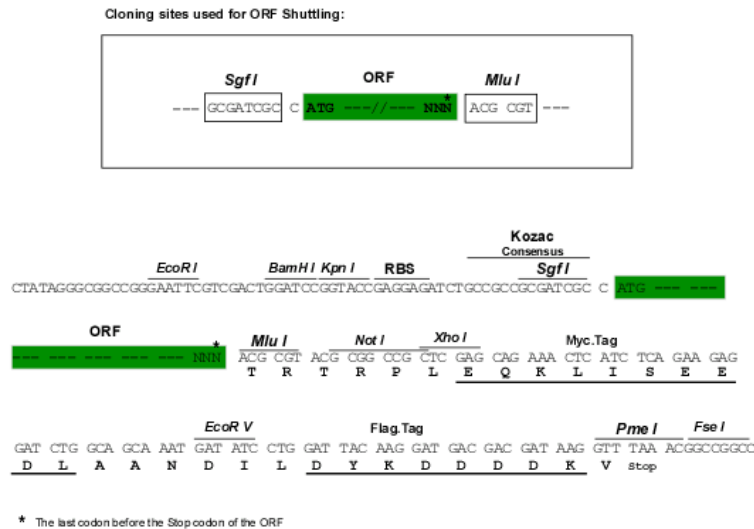
MCTEAKKHCWYFEGLYPTYYICRSYEDCCSRRCCVRALSIQRLWYFWLLMMGVLFCCGAGFFIRRRMYP
PPLIEEPAFNVSYTRQPPNPGGAQQPGPPYYTDPGGPGMNPVGNMAMAFQVPPNSPQGSVACPPPPAY
CNTPPPPYEQVVKAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001284282

ORF Size: 465 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001284282.2](#)

RefSeq Size: 2846 bp

RefSeq ORF: 468 bp

Locus ID: 81552

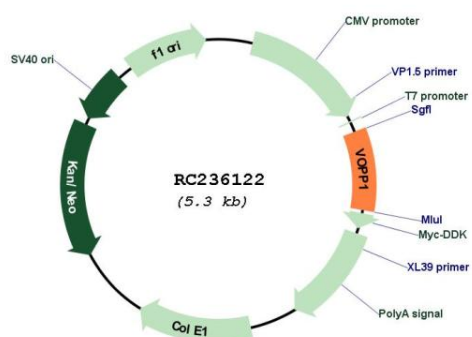
UniProt ID: Q96AW1

Cytogenetics: 7p11.2

MW: 17.8 kDa

Gene Summary: Increases the transcriptional activity of NFkB1 by facilitating its nuclear translocation, DNA-binding and associated apoptotic response, when overexpressed.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC236122