

Product datasheet for SC334132

VOPP1 (NM_001284283) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VOPP1 (NM_001284283) Human Untagged Clone
Tag:	Tag Free
Symbol:	VOPP1
Synonyms:	ECOP; GASP; WBP1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334132 representing NM_001284283. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCTCAGCGAACTCTGGGTATCTGTCTTCTGTGCTCTTGCACTGCACAGAAGCCAAAAAGCATTGC
 TGGTATTTCAAGGACTCTATCCAACCTATTATATATGCCGCTCTACGAGGACTGCTGTGGCTCCAGG
 TGCTGTGTGCGGGCCCTCTCCATACAGAGGCTGTGGTACTTCTGGTTCCTTCTGATGATGGGCGTGCTT
 TTCTGCTGCGGAGCCGGCTTCTCATCCGAGGCGCATGTACCCCGCCGCTGATCGAGGAGCCAGCC
 TTCAATGTGTCTACACCAGGACGCCCCAAATCCCGGCCAGGAGCCAGCAGCCGGGGCCGCCCTAT
 TACACCGACCCAGGAGGACCGGGATGAACCCTGTCGGGAATTCATGGCAATGGCTTTCCAGGTCCCA
 CCCAACTACCCAGGGAGTGTGGCCTGCCGCCCTCCAGCTACTGCAACAGCCTCCGCCCCCG
 TACGAACAGGTAGTGAAGGCCAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001284283
Insert Size:	510 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).


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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_001284283.1</u>
RefSeq Size:	2780 bp
RefSeq ORF:	510 bp
Locus ID:	81552
UniProt ID:	<u>Q96AW1</u>
Cytogenetics:	7p11.2
MW:	18.9 kDa
Gene Summary:	<p>Increases the transcriptional activity of NFKB1 by facilitating its nuclear translocation, DNA-binding and associated apoptotic response, when overexpressed.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate 5' most structure and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) has a distinct N-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>