

Product datasheet for **VC100538**

VP26 precursor (NC_001943) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VP26 precursor (NC_001943) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	VP26 precursor
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>The Viral ORF clone VC100538 represents NCBI reference of NP_751901 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGTTCTCGCTCCTTCTATGTGTACCCGTCCTACCAGGACGCACTGTCCAACAAGCCGGCCCTGT
GTACCGGCTCCACACCCGGAGGTATGAGAACC CGCAATCCGGTCACTACTACACTCCAGTTTACCCAAAT
GAATCAGCCCTCCCTCGGACACGGCGAAGCGCCTGCCGCCTTTGGCCGATCAATCCCTGCCCTGGCGAA
GAGTTCAAAGTCGTACTTACGTTTCGGTCTCTATGAGTCCCAACGCTAACAAACAAGCAGACTTGGGTCA
ACAAACCATTGGACGCCCGTCCGGCCATTACAATGTGAAGATCGCCAAAGATGTAGACCACTACTTGAC
TATGCAAGGCTTACTTCTATCGCTTCAGTAGACTGGTACACAATCGATTTTCAACCCAGTGAAGCCCT
GCTCCAATTCAGGGCCTCCAGGTTTTGGTGAACATCATCTAAGAAGCGGGATGTGTACGCCATCAAACAAT
TTGTCACCGCTCAGACTAATAATAAGCACCAAGTACTTCTCTCTCCTGGTAAAGGTGACCACCGGCTT
TCAGGTGAATAACTACCTCAGCTATTTCTATCGGGCTTCTGCCACCGGCGACGCCACCACTAATCTCCTT
GTTTCGAGGTGACACATATACTGCAGGAATCAGTTTTACCCAGGGGGATGGTATCTCCTCACTAATACAT
CCATCGTCGATGGTGCAATGCCACCAGGATGGGTGTGGAACAACGTAGAGTTGAAGACAAACACAGCATA
CCACATGGACAAAGGCCCTGGTGCATCTGATTATGCCCTTGCCGGAGTCTACCCAAATGTGTTACGAGATG
CTCACTTCCATCCCTCGATCCCGCGCCTCAGGCCATGGGTACGAAAGCGACAATACCGAGTATCTGGACG
CTCCAGACAGCGCCGATCAGTTCAAAGAAGACATTGAAACAGACACAGACATCGAATCCACTGAGGACGA
GGACGAGGCAGATCGATTTCGACATTATCGATACATCAGACGAGGAGGACGAGAATGAAACGGATAGAGTG
ACTCTTTTGGAGTACCCTCGTAAATCAGGGCATGACCATGACACGCGCCACCCGAATTGCCCGCAGGGCCT
TCCCAACTCTTAGTGATCGAATCAAACCGCGCGTGTATATGGATCTCCTGGTGTCCGGCCAGTCCCGG
GAACGCTTGAGCCATGCTTGCAGAGGAGCGAGAAGGCCGCGGGCGAGATCAACCCATGCACTAGTGGT
AGTAGAGGCCACGCGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100538 representing NP_751901

Red=Cloning sites Green=Tags

MTGSRSFYVYPSYQDALSNKPALCTGSTPGMRTRNPVTTTLQFTQMNQPSLGHGEAPAAFGRSIPAPGE
EFKVVLTFGAPMSPNANNKQTVWNKPLDAPSGHYNVKIAKDVDHYLTMQGFTSIASVDWYIDFQPSEAP
APIQGLQVLVNSKADVYAIKQFVTAQTNNKHQVTSFLVKVTTGFQVNNYLSYFYRASATGDATTNLL
VRGDTYTAGISFTQGGWYLLTNTSIVDGAMPPGWVWNNVELKNTAYHMDKGLVHLIMPLPESTQMCYEM
LTSIPRSRASHGYESDNTLEYLDAPDSADQFKEDIEDTDIESTEDEDADRFDIIDSDEEDENETDRV
TLLSTLVNQGMTTRATRIARRAFPTLSDRIKRGVYMDLLVSGASPGNAWSHACEEARKAAGEINPCTSG
SRGHAE

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NC_001943

ORF Size: 1278 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_001943.1](#), [NP_751901](#)

RefSeq ORF: 1278 bp

MW: 46.8 kDa