

## Product datasheet for **VC102055**

### F (NC\_003443) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	F (NC_003443) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	F Protein
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 VC102055 represents NCBI reference of NP\_598404 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCATCATCTCCACCCTATGATTGTCTGTATTTTCGTCATGTATACCGCATCGTGGGCAGTGATGCCA  
TAGCCGGGGACCAGCTTCTCAATATTGGTGTCCAAATCTAAAATTCGCAGCCTGATGTATTACACCGA  
TGGGGGCGCCTCTTTCATCGTTGTTAAACTCCTGCCAACCTGCCCCCTCTAATGGCACCTGCAATATC  
ACTAGTCTTGACGCCTATAATGTGACACTCTTCAAAGTCTCACACCTCTGATAGAAAATCTGAGCAAGA  
TTAGTACCGTGACCGACCAAGACACGCCAGAAGAGATTTGCCGGAGTCGTGGTGGGGCTGGCTGCCCT  
GGGTGTAGCGACCGCTGCTCAGATCACCGCCCGTGGCGATTGTGAAAGCGAATGCAAATGCCCGGCT  
ATTAACAACCTGGCGTCATCCATCCAATCCACTAACAAAGCGGTGCCGATGTGATTGATGCTTCTCGCA  
CCATTGCTACTGTGTGACGGCCATAAAGATCGAATCAACGGTGTATCGTAAACGGAATCACTAGCGC  
TAGCTGCAGGGCTCATGACGCCTTGATCGCGAGTATCCTGAATCTGTATCTGACTGAGCTGACCACCATC  
TTCCACAACCAGATAACGAACCCCGCTCTGACACCACTCTCCATCCAAGCGCTGAGGATCCTTCTCGGGA  
GCACTTTGCCAATCGTGATCGAGAGCAAGCTGAACACCAACTTCAATACTGCAGAGCTCCTGAGTCCGG  
CTTGCTGACGGGCCAGATCATCTCAATTCACCAATGTACATGCAGATGTGATCCAAAATAACGTGCC  
ACCTTCATCATGCAGCCTGGGGCTAAAGTGATTGACTTGCATGAGCGCTAATCACAACTGCAGG  
AGGTGGTGGTGAAGTGCCTAACCGGATTCGAAATGCTAATGAAGTGCAGAAATACCCCGCCAAACGA  
TTGTGTGGTACACCTAATCCGTGTTCTGCAGATACAATGAAGGCAGTCCCATTCCCGAGAGTCAGTAC  
CAGTGTCTTCGGGGCAATCTGAAGTGCAGTCACTCCCTTCACTCCATATTGGAAATTTCTGAAGCGATTCC  
CCTTCGCAATGGAGTCCTTACGCCAATTGCAATCTCTTCTGTGTAGGTGTGACAGACCCCCACACGT  
CGTCTCACAAAGCAGATACACAAGGAATATCTATCATCGATATCAAGAGATGCTCCGAGATGATGCTCGAT  
ACCTTTAGCTTTTGAATCACATCAACCTTTAATGCTACATACGTTACTGACTTCAGTATGATAAATGCCA  
ACATTGCTCATCTTAGTCCCCTCGACCTGTCTAATCAGATTAATCAATCAATAAATCCCTCAAGAGCGC  
GGAAGACTGGATCGCCGACTCAAATTTCTTCGCGAACCAAGCCAGGACAGCTAAGACATTGTACTCCTTG  
AGCGCCATAGCCCTGATACTCTCAGTGTACACTGGTGGTGTGGCCTGCTTATCGTTCATACATTA  
AACTGGTGTGAGTCAAATACACCAATTCGCTCCCTGCAGCGACCACAATGTTTCATAGAGAAAACCCCGC  
ATTCTTTTCCAAAATAATCATGAAACATCTATGGCATTAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC102055 representing NP\_598404

Red=Cloning sites Green=Tags

MHHLHPMIVCIFVMTGIVGSDAIGDQLLNIGVVIQSKIRSLMYTDDGGASFIVVLLPNLPPSNGTCNI  
TSLDAYNVTLFKLLTPLIENLSKISTVTDTKRQKRFAGVVVGLAALGVATAAQITAAVIVKANANAAA  
INNLIASSIQSTNKAVSDVIDASRTIATAVQAIQDRINGAIVNGITSASCRAHDALIGSILNLYLTELTTI  
FHNQITNPALPLSIQALRILLGSLPIVIESKLNNTNFNTAELLSSGLLTGQIISISPMYQMLIQINVP  
TFIMQPGAKVIDLIAISANHKLQEVVVVQPNRILEYANELQNYPANDCVVPNSVFCRYNEGSPIPESQY  
QCLRGNLNSCTFTPIIGNFLKRFANGVLYANCKSLLCRCADPPHVVSQDDTQGISIIDIKRCSEMMLD  
TFSFRITSTFNATYVDFSMINANIVHLSPLDLNQINSINKSLKSAEDWIADSNFFANQARTAKTLYSL  
SAIALILSVITLVVVGLLIAYIIKLVSQIHQFRSLAATTFHRENPAFFSKNNHNGNIYGIS

**TR**RRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**ACCN:** NC\_003443

**ORF Size:** 1653 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\\_003443.1](#), [NP\\_598404](#)
**RefSeq ORF:** 1653 bp

**Locus ID:** 935186

**MW:** 59.7 kDa