

Product datasheet for **VC101729**

NC_001802 Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NC_001802 Virus Tagged ORF Clone
Tag:	Myc-DDK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101729 represents NCBI reference of NP_579893 with codon optimized for human cell expression Red =Cloning site Blue =ORF Green =Tags(s) GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC CGATCGCC ATGATGCGGGTGAAGAGAAGTACCAACATCTGTGGCGGTGGGGCTGGAGATGGGGCACTATGCTGCTGG GCATGCTGATGATATGC ACGCGT ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Protein Sequence:	>VC101729 representing NP_579893 Red =Cloning sites Green =Tags MMRVKEKYQHLWRWGWRWGTMLLGMLMIC TR TRRLEQ KL ISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mk8100_b02.zip
Restriction Sites:	Sgfl-MluI



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Cloning Scheme:



ACCN: NC_001802

ORF Size: 87 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.

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

RefSeq: [NC_001802.1](#), [NP_579893](#)

RefSeq ORF: 87 bp
UniProt ID: [P04585](#)
MW: 3.7 kDa