

## Product datasheet for **VC100895**

### UL30 (NC\_001798) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL30 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100895 represents NCBI reference of NP_044500 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTCTGTGCAGCCGGCGGACCTGCCTCCCCTGGCGGAAAACCCGAGCACGCGCAGCCTCCGGGTTTT  
TTGCACCACACAACCCAAGAGGAGCTACACAGACCGCCCCCGCCATGTCGCAGGCAGAAATTTCTACAA  
TCCGCACCTCGCCAGACCGGCACCCAACCCAAGCGCTCGGTCCAGCCCAGAGGCATACCTACTACTCC  
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GGTCCACGACGGCCGCTGCGGAGAGCTCCTAAAGTGTACTGCGGGGGGATGAGCGGGATGCTTTGCG  
GGTGGGGCCAGAGGGCTTTTGGCCACGAGGCTCCGGTTGTGGGAGGCGCTGACCACGCTCCAGAAGGC  
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TACGGAAGGATGAACGGGCGAGGAGTATCCGAGTCTGGGATATCGGCCAGAGCCATTTTCAGAAAAGGT



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CAAAAATCAAAGTTAACGGAATGGTCAATATTGATATGTACGGGATTATAACAGACAAGGTGAAGCTGAG  
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Protein Sequence: >VC100895 representing NP\_044500  
 Red=Cloning sites Green=Tags

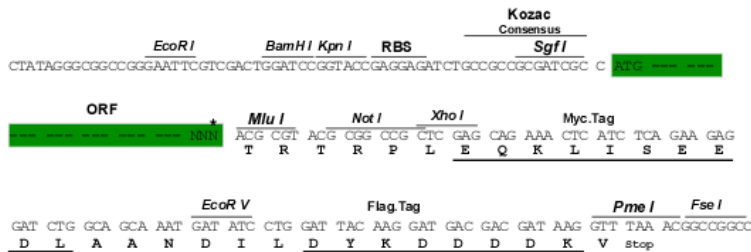
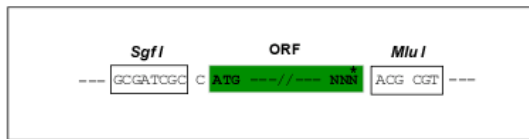
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 FDPVTVTFHVYDILEHVEHAYSMRAAQLHERFMDAITPAGTVITLLGLTPEGHRVAVHVYGTROYFYMNK  
 AEVDRHLQCRAPRDL CERLAAALRESPGASFRGISADHF EA EVVERADVYYYETRPTLYR V FVRSGRAL  
 AYLCDNFCPAIRKYEGGVDATTRFILDNPGVFTFGWYRLKPRGNAPAQPRPPTAFGTSSDVEFNCTADN  
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 YGRMNGRVFRVWDIGQSHFQKRKIKVNGMVNIDMYGIITDKVKLSSYKLNVAEAVLKDKKKDLSYRD  
 IPAYYASGPAQRGVI GEYCVQD SLLVGQLFFKFLPHLELSAVARLAGINITRTIYDQQIRVFTCLLRLA  
 GQKGFILPDTQGRFRGLDKEAPKRPVPRGEGEPGDGNGDEDKDDDEDGDEREEVARETGGRHVG  
 YQGARVLDPTSGFHVDPVVVDFASLYPSIIQAHNLCFSTLSLRPEAVAHLEADR DYLEIEVGGRRLFFV  
 KAHVRESLLSILLRDWLAMRKQIRSRI PQSTPEEAVLLDKQAAIKVVCNSVYGF TGVQHGLLPCLHVAA  
 TVTTIGREMLLATRAYVHARWAEFDQLLADFPEAAGMRAPGPYSMRIIYGD TDSIFVLCRGLTAAGLVAM  
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 LLFYDDTVSGAAAALERPAAEWLARPLPEGLQAFGAVLVDARRITDPERDIQDFVLTAE LSRHPRAYT  
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 KRPRETPSHADPPGGASKPRKLLVSELAEDPGYAIARGVPLNTDYF SHLLGAACVTFKALFGNNAKITE  
 SLLKRFIPETWHPPDDVAARLRAAGFGPAGAGATAEETRRMLHRAFDTLA

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

ACCN: NC\_001798

ORF Size: 3720 bp

<b>OTI Disclaimer:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NC_001798.1</a> , <a href="#">NP_044500</a>
<b>RefSeq ORF:</b>	3720 bp
<b>Locus ID:</b>	1487316
<b>MW:</b>	137.3 kDa