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Product datasheet for VC100343

L3 (NC_011203) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L3 (NC_011203) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>The Viral ORF clone VC100343 represents NCBI reference of YP_002213779 with codon optimized for human cell expression
Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTACACCCAGTATGATGCCGCAGTGGGCTTACATGCACATCGCCGGACAAGATGCCTCTGAGTATC
TCAGCCCCGGTTTGGTGCAGTTTGCCCGGGCCACAGACACCTACTTTTCTATGGGGAATAAGTTCCGGAA
CCCCACAGTCGCCCCTACCCACGATGTGACTACGGACCGGAGCCAGCGCCTGATGCTGCGATTCGTACCT
GTGGATAGAGAGGACAACACCTATAGTTATAAGGTCCGATATACCCTCGCCGTGGGAGATAACCGCGTTC
TGGACATGGCGTCCACCTTTTTTGACATTCGGGGCGTGCTGGACAGAGGGCCAAGTTTTAAGCCCTACTC
TGGCACTGCCTACAACTCACTTGCTCCGAAGGGTGCCCCCAACACCTCTCAGTGGATTGTGACAACAAAT
GGAGATAACGCTGTGACCACCACCACCAACACATTTGGAATTGCTTCAATGAAAGGGGATAATATCACTA
AGGAGGGGCTGCAGATTGGCAAAGACATAACCACAACCGAGGGGGAAGAGAAGCCCATTTACGCAGATAA
GACATATCAACCCGAGCCACAGGTGGGCGAAGAGTCCTGGACAGACACCGACGGGACAAACGAGAAGTTC
GGAGGTCGGGCTCTGAAACCCGCAACCAATATGAAGCCCTGCTACGGTTCATTTGCCCGGCCGACGAATA
TCAAGGGAGGCCAAGCTAAGAACCGGAAGGTGAAACCTACGACCGAAGGTGGAGTTGAGACCGAAGAACC
CGATATCGACATGGAATTTTTTGACGGACGCGATGCAGTCGCAGGAGCGCTGGCCCCCGAGATCGTACTG
TATACAGAAAACGTGAATCTCGAGACACCGGATAGCCATGTCGTCTACAAACCCGAAACGTCTAATAACA
GTCACGCTAACCTGGGCCAGCAGGCCATGCCAAATAGACCAAACTACATCGGGTTCAGGGACAACTTCGT
TGGTCTCATGTACTATAACAGTACTGGCAACATGGGCGTACTCGCGGGCCAGGCAAGCCAACTGAACGCT
GTAGTGGACTTGCAGGACCGCAATACTGAACTGTCATACCAGCTCCTGCTCGACTCTCTCGGTGATAGGA
CTAGATACTTCTCTATGTGGAATCAAGCTGTGGACTCCTATGACCCCGACGTCAGGATAATCGAGAATCA
CGGCATCGAGGATGAATTGCCCAATTACTGTTTTCCTCTGAACGGTATCGGACCAGGCCACACGTACCAG
GGCATCAAGGTCAAAACCGACGACACTAACGGATGGGAAAAAGATGCTAACGTGGCACCAGCAAATGAAA
TCACCATTGGGAATAACCTTGCTATGGAGATTAATATCCAAGCCAATCTCTGGAGATCATTTCTGTACTC
AAACGTAGCCCTCTATCTGCCAGATGTATATAAATATACCCCGCCAAATATAACGCTCCCTACTAATACT
AACACATACGAATATATGAATGGCCGCGTAGTCAGCCCGTCTCTGGTGGATTCTTACATAAACATAGGAG
CTCGCTGGTCCCTCGATCCCATGGATAACGTTAATCCCTTTAATCATCACCGGAACGCCGGTCTCCGATA
TCGGTCCATGCTGCTTGGTAATGGCAGGTACGTGCCTTTTCACATTCAGGTCCCCCAGAAATTTTTCGCA
GTCAAAAATCTGCTCCTGCTCCCCGGAAGTTACACCTATGAGTGGAACTTTAGGAAAGACGTGAATATGG
TGTTGCAGTCCAGCCTTGGAAACGACCTGAGGACCGATGGTGCCACAATTTCATTCACAAGCATTAACCT
GTATGCGACATTCTTTCCTATGGCCCACAATACAGCTAGTACTCTGGAAGCCATGCTCAGGAATGATACA
AATGACCAGTCATTTAATGACTATCTCTCCGCAGCTAATATGCTGTATCCCATTCCAGCTAATGCCACCA
ACATCCCGATCTCTATCCCCAGTAGGAATTGGGCAGCCTTCCGAGGCTGGTCTTTTACACGACTGAAAAC
TAAAGAGACACCATCCCTGGGTTCCGGGTTCGACCCTTACTTTGTCTACAGCGGCTCTATTCCATACCTG
GACGGGACCTTTTACCTTAACCACACCTTCAAAAAAGTGTCAATTATGTTCGACTCCTCAGTCAGCTGGC
CCGGAAACGATAGGCTCCTGTCACCTAACGAGTTTGAGATCAAGCGGACCGTGGACGGGGAGGGATACAA
TGTCGCCCAGTGCAACATGACAAAGGATTGGTTTCTCGTCCAGATGCTGGCCAATTACAACATAGGCTAC
CAGGGCTTTTATATCCCCGAGGGCTACAAGGATCGAATGTATTCTTTTTTCCGGAACTTTCAGCCAATGT
CTCGGCAGGTCGTGGACGAGGTGAACTACACGGATTATAAAGCTGTGACCCTTCCATACCAGCACAATAA
TTCCGGGTTCGTGGGCTATCTCGCTCCAACAATGCGCCAGGGGGAGCCCTATCCGGCAAATTACCCTTAC
CCACTGATCGGTACAACCGCTGTGAAATCCGTGACTCAGAAGAAATTTTTGTGTGATCGGACAATGTGGC
GGATTCCTTTTAGTTCAAACTTTATGAGCATGGGAGCTTTGACCGACCTTGGGCAGAATATGTTGTATGC
CAATAGTGCACACGCCTTGGATATGACTTTTGAGGTGGATCCGATGGATGAGCCCACGCTTCTGTATCTG
CTGTTCGAGGTCTTCGATGTTGTCCGAGTGCATCAGCCTCATAGGGGAGTCATAGAGGCAGTGTACTTGC
GCACCCCCTTTTCTGCTGGAAACGCCACCACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

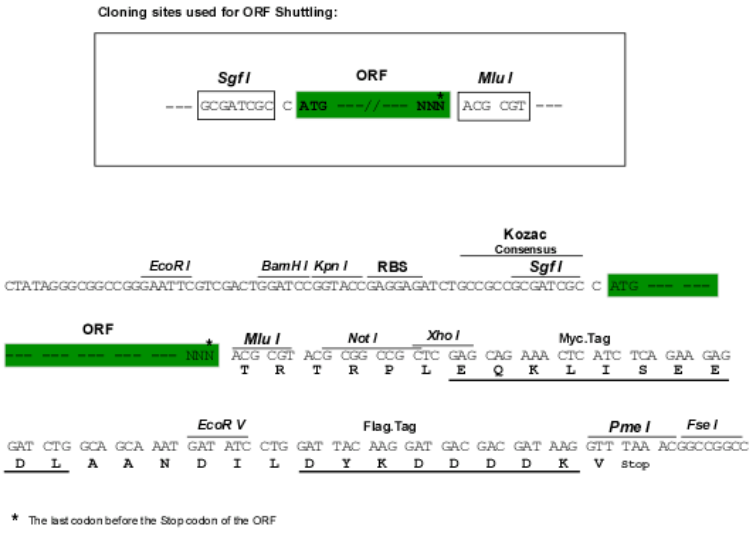
>VC100343 representing YP_002213779
Red=Cloning sites Green=Tags

MATPSMMPQWAYMHIAGQDASEYLSPGLVQFARATDTYFSMGNKFRNPTVAPTHDVTTDRSQRLMLRFVP
VDREDNTYSYKVRYTLAVGDNRVLDMASTFFDIRGVLDRGPSFKPYSGTAYNSLAPKGAPNTSQWIVTTN
GDNAVTTTTNTFGIASMKGDNITKEGLQIGKDITTTEGEEKPIYADKTYQPEPQVGEESWTDTDGTNEKF
GGRALKPATNMKPCYGSFARPTNIKGGQAKNRKVKPTTEGGVETEEPDIDMEFFDGRDAVAGALAPEIVL
YTENVNLETPDSHVVYKPETSNNSHANLGQQAMPNRPNYIGFRDNFVGLMYYNSTGNMGVLAGQASQLNA
VVDLQDRNTELSYQLLLDSLGDRTRYFSMWNQAVDSYDPDVRIIENHGIEDELPNYCFPLNGIGPGHTYQ
GIKVKTDDTNGWEKDANVAPANEITIGNNLAMEINIQANLWRSFLYSNVALYLPDVYKYTPPNITLPTNT
NTYEYMNGRVVSPSLVDSYINIGARWSLDPMDNVNPFNHHRNAGLRYRSMLLGNGRYVPFHIQVPQKFFA
VKNLLLLPGSYTYEWNFRKDVNMVLQSSLGNDLRTDGATISFTSINLYATFFPMAHNTASTLEAMLRNDT
NDQSFNDYLSAANMLYPIPANATNIPISIPSRNWAAFRGWSFTRLKTKETPSLGSGFDPYFVYSGSIPYL
DGTFYLNHTFKKVSIMFDSSVSWPGNDRLLSPNEFEIKRTVDGEGYNVAQCNMTKDWFLVQMLANYNIGY
QGFYIPEGYKDRMYSFFRNFQPMSRQVVDEVNYTDYKAVTLPYQHNNSGFVGYLAPTMRQGEPYPANYPY
PLIGTTAVKSVTQKKFLCDRTMWRIPFSSNFMSMGALTDLGQNMLYANSAHALDMTFEVDPMDEPTLLYL
LFEVFDVVRVHQPHRGVIEAVYLRTPFSAGNATT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_011203

ORF Size: 2832 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_011203.1, YP_002213779
RefSeq ORF:	2832 bp
Locus ID:	6870521
MW:	106.2 kDa