

## Product datasheet for **VC100233**

### hexon (AC\_000005) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	hexon (AC_000005) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	hexon
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC100233 represents NCBI reference of AP\_000121 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTACACCGAGCATGATGCCCCAGTGGAGCTACATGCATATTGCGGGACAGGATGCAAGCGAATACC  
TCAGCCCCGCGCTCGTCCAATTCGCGCGAGCAACCGATACCTATTTCACTGGGGAACAAGTCCGAAA  
TCCTACAGTGGCGCCGACACACGATGTAACAACGATCGGAGTCAGCGATTGACACTTCGATTCTGCCCC  
GTCGATCGGGAAGATACTACTTATTCTATAAGGCGAGATTACGCTGGCCGTGGGAGATAACAGAGTTC  
TTGATATGGCATCCTCTATTTGACATTAGAGGCGTTCTCGACAGAGGCCCTCCTTCAAGCCCTATAG  
TGGAACCCCTACAATAGCTGGCCCTAAGGGCGCCCTAACGCCTCTCAGTGGTCCGACAATGCAAAA  
CTGAACACATTCGCCAGGCCCTTACTGTCCGACACGATCACTGCAGCCGATGGAATCAAGGTGGGAA  
CAGACACCGCACAAAGCAGGTGCCCGCTTACGCGAACAAGACTTACCAGCCAGAGCCACAAGTCGGGCC  
TTCCGAGTGGAACACCTCCATCGAGAACGTTAAGGCCGGGGTCCGCGCCCTGAAGCAGACAACCTGCTATG  
CAGCCCTGCTATGGTTCCTACGCTAGGCCCAACAGCAGCACGGTGGGCAGTCTAAAGACGACAATATCG  
AGCTGAAATTCCTTGATAGTGGCAACAACGCTGCAAACTGCCAGGTCGTATTCTATACCGAGGATGT  
AAATTTGGAAATGCCAGACACATCTCGTGTAAAGCCTACGGTTACGAATGGCACCATAGCTAGTGAG  
TCTCTGCTGGGACAACAGGCTGCCCAAATAGGGCCAACATATCGCGTTTCGCGACAATTTTATTGGCC  
TGATGTACTACAATCTACAGGCAATATGGGCGTGTGGTGGCCAGGCCAGCCAGCTGAACGCCGTTGT  
GGATCTTCAGGACCGCAACTGAACTGCCTATCAACTGATGCTTGACGCACTGGGCGATCGAACCAGG  
TACTTCTCTGTGGAACCTCCGCTGTGGATCATATGACCCCGATGTGCGCGTAATTGAGAATCATGGAG  
TTGAGGATGAACGCCCAACTACTGCTTCCCCCTGTCCGCGTCCGGTGAATAAAAAATTACAAGGGGAT  
TAAACCGACAACGAGGGGGGGCGGCTGGACCGCAGATAATACAGTTTCCGAAGCGAATCACATCGGT  
ATAGGTAATATCGCTGCAATGGAGATAAATCTGCAGGCGAACCTGTGGCGGCTTTTCTCTATAGCAACG  
TGGGCTTTACCTTCCCGACGATTTGAAATATACTCCTGGGAATATAAACTGCCCGATAACAAAAATAC  
CTACGAATACATGAATGGAAGAGTTACTGCTCCGGCCTGGTGGACACTTATGTCAACATCGCGCAAGG  
TGGTCCCCGACGTGATGGACAACGTCAATCCCTTAAATCACCACAGGAATGCAGGACTCAGATATCGCT  
CTATGTTGCTTGGCAACGGCGCTTCGTCGCTCCATATACAAGTTCGCCAGAAGTCTTTGCTATACG  
AAACCTGCTGCTGTGCCGGCTCATACACCTACGAGTGGAAATTTGAAAAGATGTCAATATGATTCTC  
CAGTCCACACTGGGCAACGACCTCAGGGTGGACGGTGCCTCAGTGCCTTTGATAATATTGCCTGTACG  
CCAATTTTTTCCAATGGCCATAATACTGCAAGTACACTGGAGGCCATGCTTAGGAATGACACAACGA  
CCAAAGCTTCAACGACTACCTCTGCGCCGCAATATGCTCTATCCGATTCAGCCAACGCAACCAGCGTG  
CCCATAAGCATCCCCAGCAGGAACTGGGCTGCCTTAGAGGTTGGTCTTACCCGCTTAAAACTAAGG  
AAACTCCTTCTTGGAAAGTGGCTTCGATCCTTACTTCGTTTACTCAGGAACCATTCATATCTCGATGG  
GACATTCTACCTGAATCACACCTTCAAGAAAGTCTCCATCATGTTGATTCTAGCGTGTCTTGGCCAGGG  
AACGACCGCTTCTACCCCGAACGAGTTCGAAATCAAAAGATCCGTTGACGGAGAGGGCTACAACGTCG  
CCCAGTGCAATATGACTAAGGATTGGTTCTTGATTGAGTGTGAGCCACTATAAATTGGGTACCAAGG  
GTTTTATATACCTGAGAGCTACAAGACAGAATGTACAGCTTTTTCAGAACTTCCAGCCTATGTCCAGG  
CAAGTGGTTGACACTACTGAATATAAAACTACAAGAAAGTCACTGTGGAGTTCCAACACAATAATAGTG  
GATTCGTGGGCTATCTCGCCCTACCATGAGAGAAGGTCAGGCATATCCTGCTAATTATCCTTATCCTCT  
GATTGGACAGACTGCGGTGGAAAGCATTACACAGAAGAAATTTCTGTGCGATCGGGTTATGTGGAGGATT  
CCCTTTTCTCCAATTTTATGTCTATGGGTGCTTTGACAGATCTGGGCAGAACATGTTGTATGCTAATA  
GTGCCACGCCCTCGACATGACGTTGAGGTGGATCCTATGGACGAGCCACACTCTGTATGTTCTTTT  
CGAAGTTTTGAGCTAGTGGAGTCCACCAGCCACACCGGTTAATTGAGGCAGTTTATCTGAGAACG  
CCCTCAGCGCTGGCAACGCGACGACG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100233 representing AP\_000121  
 Red=Cloning sites Green=Tags

MATPSMMPQWSYMHIAEQDASEYLSPLGVQFARATDITYFTLGNKFRNPTVAPTHDVTDRSQRLTLRFV  
 VDREDDTYSYKARFTLAVGDNRLVDMASSYFDIRGVLDGRGSPFKPYSGTAYNSLAPKGAPNASQWSDNAK  
 LNTFAQAPYLSDTITAADGIKVGTDTAQAGAAYANKTYQPEPQVGPSEWNTSIENVKAGGRALKQTTAM  
 QPCYGSYARPTNEHGQSKDDNIELKFFDSANNAANTAQVVFYTEDVNLLEMPDTHLVFKPTVTNGTIASE  
 SLLGQQAAPNRANYIAFRDNFIGLMYNSTGNMGVLAGQASQLNAVVDLQDRNTELSYQLMLDALGDRTR  
 YFSLWNSAVDSYDPDVRVIENHGVDELPNYCFPLSAVGEIKNYKGIKPDNGGGGWTADNTVSEANHIG  
 IGNIAAMEINLQANLWRSFLYSNVGLYLPDDLKYTPGNIKLPDNKNTYEYMNGRVTAPGLVDTYVNIGAR  
 WSPDVMNVNPFNHHRNAGLRYRSMLLGNGRFVPHIQVPQKFFAIRNLLLLPGSYTYEWNFRKDVNMIL  
 QSTLGNLRLVDGASVRFDNIALYANFFPMAHNTASTLEAMLNRDNDQSFNDYLCAANMLYIPANATSV  
 PISIPSRNWAARFWSFTRLKTKETPSLGGFDPYFVYSGTIPYLDGTFYLNHTFKKVSIMFDSSVSWPG  
 NDRLLTPNEFEIKRSVDGEGYNVAQCNTKDWFLIQMLSHYINIGYQGFYIPESYKDRMYSFRNFQPMRS  
 QVVDTTEYKNYKVTVEFQHNSGFVGYLGPTMREGQAYPANYPYPLIGQTAVESITQKFLKCDRVMWRI  
 PFSNFMSMGALTDLQGNMLYANSAHALDMTFEVDPMDEPTLLYVLFVFDVVRIHQPHRGVIEAVYLRT  
 PFSAGNATT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

AC\_000005

<b>ORF Size:</b>	2757 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>	<u><a href="#">AC_000005.1</a></u> , <u><a href="#">AP_000121</a></u>
<b>RefSeq ORF:</b>	2757 bp
<b>MW:</b>	103.0 kDa