

## Product datasheet for **RC232657**

### CDK15 (NM\_001261436) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CDK15 (NM\_001261436) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CDK15  
**Synonyms:** ALS2CR7; PFTAIRE2; PFTK2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC232657 representing NM\_001261436  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGTCAAGAGCTGTGTCAAAGACTGTACAGCCTGGATGCAGCTGCTACCATTGTTTCAGAGGGAGGCC  
 AGGCACACAGCTGTCGGAGGAGTCAGCCTGAGACCACGGAGGCTGCGTTCAAGCTAACAGACCTAAAAGA  
 AGCATCATGTTCCATGACTTCATTTACCCCAGGGGACTCAAGCTGCCCGTCCCAAGAAGTTCAAGAGT  
 AAAAGGCCACGGAGTAACAGTGATTGTTTTTCAGGAAGAGGATCTGAGGCAGGGTTTTTCAGTGGAGGAAGA  
 GCCTCCCTTTTGGGGCAGCCTCATCTTACTTGAACCTGGAGAAGCTGGGTGAAGGCTCTTATGCGACAGT  
 TTACAAGGGGATTAGCAGAATAAATGGACAAGTGGCTTTAAAAGTCATCAGCATGAATGCAGAGGAA  
 GGAGTCCCATTACAGCTATCCGAGAAGCTTCTCTCCTGAAGGGTTTGAACATGCCAATATTGTGCTCC  
 TGCATGACATAATCCACACCAAGAGACACTGACATTCGTTTTTGAATACATGCACACAGACCTGGCCCA  
 GTATATGTCTCAGCATCCAGGAGGGCTTCATCCTCATAATGTGAGACTTTTCATGTTTCACTTTTGGCG  
 GGCTGGCGTACATCCACCACCAACACGTTCTTACAGGGACCTGAAACCTCAGAAGTACTCATCAGTC  
 ACCTGGGAGAGCTCAAAGTGGCTGATTTTGGTCTTGGCCGGCCAAGTCCATTCCAGCCAGACATACTC  
 TTCAGAAGTCGTGACCCTCTGGTACCGGCCCTGATGCTTTGCTGGGAGCCACTGAATATTCCTCTGAG  
 CTGGACATATGGGTGCAGGCTGCATCTTTATTGAAATGTTCCAGGGTCAACCTTTGTTTCTGGGGTTT  
 CCAACATCCTTGAACAGCTGGAGAAAATCTGGGAGGTGCTGGGAGTCCCTACAGAGGATACTTGGCCGGG  
 AGTCTCCAAGCTACCTAACTACAATCCAGAATGGTTCCCACTGCCTACGCCTCGAAGCCTTCATGTTGTC  
 TGGAACAGGCTGGGCAGGGTTCTGAAGCTGAAGACCTGGCTCCAGATGCTAAAAGGCTTTCCAGAG  
 ACCGCGTCTCGCCAGGAAGCACTTGTTCATGATTATTCAGCGCCTGCCATCTCAGCTGTACCAGCT  
 TCCTGATGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC232657 representing NM\_001261436  
 Red=Cloning site Green=Tags(s)

MGQELCAKTVQPGCSCYHCSEGGEAHSCRRSQPETTEAAFKLTDLKEASCSMTSFHPRGLQAARAQKFKS  
 KRPRSNSDCFQEEDLRQGFQWRKSLPFGAASSYLNLEKLGEGSYATVYKGISRINGQLVALKVISMNAEE  
 GVPFTAIREASLLKGLKHANIVLLHDIHTKETLTFVFEYMHTDLAQYMSQHPGGLHPHNVRLFMFQLLR  
 GLAYIHHQHVLHRDLKPQNLLISHLGELKLADFLARAKSIPSQTYSEVVTLWYRPPDALLGATEYSSE  
 LDIWGAGCIFIEMFQGQPLFPGVSNILEQLEKIWEVLGVPTEDTWPGVSKLPNYPNPEWFPLPTPRSLHVV  
 WNRLGRVPEAEDLASQMLKGFPRDRVSAQEALVHDYFSALPSQLYQLPDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

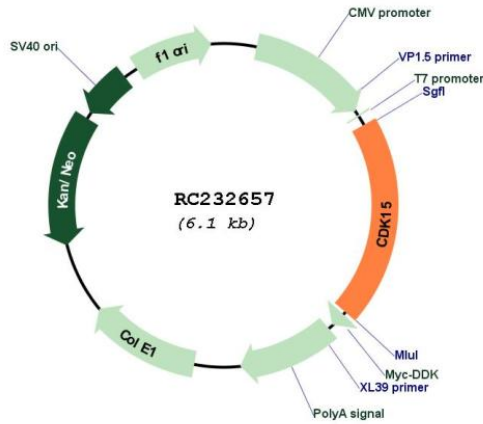
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001261436

<b>ORF Size:</b>	1200 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_001261436.1</a> , <a href="#">NP_001248365.1</a>
<b>RefSeq Size:</b>	2292 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	65061
<b>UniProt ID:</b>	<a href="#">Q96Q40</a>
<b>Cytogenetics:</b>	2q33.1
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>MW:</b>	45.5 kDa
<b>Gene Summary:</b>	Serine/threonine-protein kinase that acts like an antiapoptotic protein that counters TRAIL/TNFSF10-induced apoptosis by inducing phosphorylation of BIRC5 at 'Thr-34'. [UniProtKB/Swiss-Prot Function]