

## Product datasheet for **RG232657**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CDK15 (NM_001261436) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CDK15
Synonyms:	ALS2CR7; PFTAIRE2; PFTK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG232657 representing NM_001261436 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGTCAAGAGCTGTGTGCAAAGACTGTACAGCCTGGATGCAGCTGCTACCATTGTTTCAGAGGGAGGCG  
AGGCACACAGCTGTGGAGGAGTCAGCCTGAGACCACGGAGGCTGCGTTCAAGCTAACAGACCTAAAAGA  
AGCATCATGTTCCATGACTTCATTTACCCAGGGGACTTCAAGCTGCCCGTCCCGAGAAGTTCAAGAGT  
AAAAGGCCACGGAGTAACAGTGATTGTTTTAGGAAGAGGATCTGAGGCAGGTTTTTCAGTGAGGAAGA  
GCCTCCCTTTGGGGCAGCCTCATCTTACTTGAAGTTGGAGAAGCTGGGTGAAGGCTCTTATGCGACAGT  
TTACAAGGGGATTAGCAGAATAAATGGACAAGTGGCTTTAAAAGTCATCAGCATGAATGCAGAGGAA  
GGAGTCCCATTTACAGCTATCCGAGAAGCTTCTCTCTGAAGGGTTTGAACATGCCAATATTGTGCTCC  
TGCATGACATAATCCACACCAAAGAGACTGACATTCGTTTTTGAATACATGCACACAGACCTGGCCCA  
GTATATGTCTCAGCATCCAGGAGGGCTTCATCCTCATAATGTCAGACTTTTCATGTTTCACTTTTGGCG  
GGCCTGGCGTACATCCACCACCAACAGTTCCTCACAGGGACCTGAAACCTCAGAACTTACTCATCAGTC  
ACCTGGGAGAGCTCAAAGTGGCTGATTTTGGTCTTGCCCGGGCCAAGTCCATTCCAGCCAGACATACTC  
TTCAGAAGTCGTGACCTCTGGTACCGGCCCTGATGCTTTGCTGGGAGCCACTGAATATTCCTCTGAG  
CTGGACATATGGGGTGCAGGCTGCATCTTTATTGAAATGTTCCAGGGTCAACCTTTGTTCTGGGGTTT  
CCAACATCCTTGAACAGCTGGAGAAAATCTGGGAGGTGCTGGGAGTCCCTACAGAGGATACTTGGCCGGG  
AGTCTCCAAGCTACCTAACTACAATCCAGAATGGTTCCCACTGCCTACGCCTCGAAGCCTTCATGTTGTC  
TGGAACAGGCTGGCAGGGTTCTGAAGCTGAAGACCTGGCCTCCAGATGCTAAAAGGCTTTCCAGAG  
ACCGCTCTCCGCCAGGAAGCACTTGTTCATGATTATTCAGCGCCTGCCATCTCAGCTGTACCAGCT  
TCCTGATGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG232657 representing NM\_001261436  
Red=Cloning site Green=Tags(s)

MGQELCAKTVQPGCSCYHCSEGGEAHSCRRSQPETTEAAFKLTDLKEASCSMTSFHPRGLQAARAQKFKS  
 KRPRSNSDCFQEEDLRQGFQWRKSLPFGAASSYLNLEKLGEGSYATVYKGISRINGQLVALKVISMNAEE  
 GVPFTAIREASLLKGLKHANIVLLHDIHTKETLTFVFEYMHTDLAQYMSQHPGGLHPHNVRLFMFQLLR  
 GLAYIHHQHVLHRDLKPQNLLISHLGELKLADFLARAKSIPSQTYSEVVTLWYRPPDALLGATEYSSE  
 LDIWGAGCIFIEMFQGQPLFPGVSNILEQLEKIWEVLGVPTEDTWPGVSKLPNYNPEWFPLPTPRSLHVV  
 WNRLGRVPEAEDLASQMLKGFPRDRVSAQEALVHDYFSALPSQLYQLPDE

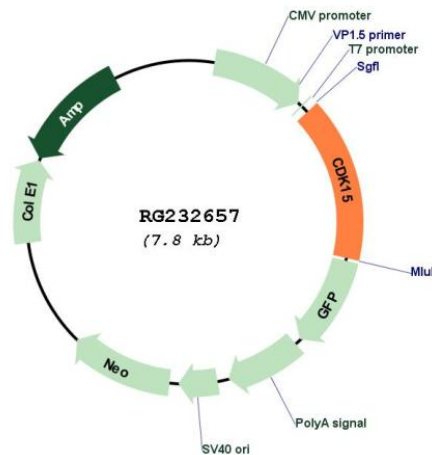
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-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>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]