

Product datasheet for **RG232706**

CDK15 (NM_001261435) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CDK15 (NM_001261435) 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: >RG232706 representing NM_001261435
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTCAAGAGCTGTGTGCAAAGACTGTACAGCCTGGATGCAGCTGCTACCATTGTTTCAGAGGGAGGCG
 AGGCACACAGCTGTGGAGGAGTCAGCCTGAGACCACGGAGGCTGCGTTCAAGCTAACAGACCTAAAAGA
 AGCATCATGTTCCATGACTTCATTTACCCCAGGGGACTTCAAGCTGCCCGTCCCAGAAGTTCAAGAGT
 AAAAGGCCACGGAGTAACAGTGATTGTTTTAGGAAGAGGATCTGAGGCAGGTTTTTCAGTGAGGAAGA
 GCCTCCCTTTTGGGCAGCCTCATCTTACTTGAAGTTGGAGAAGCTGGGTGAAGGCTCTTATGCGACAGT
 TTACAAGGGGATTAGCAGAATAAATGGACAAGTGGCTTTAAAAGTCAATCAGCATGAATGCAGAGGAA
 GGAGTCCCATTTACAGCTATCCGAGAAGCTTCTCTCTGAAGGGTTTGAACATGCCAATATTGTGCTCC
 TGCATGACATAATCCACACCAAAGAGACTGACATTCGTTTTTGAATACATGCACACAGACCTGGCCCA
 GTATATGTCTCAGCATCCAGGAGGCTTCATCCTCATAATGTCAGACTTTTCATGTTTCACTTTTGGCG
 GGCCTGGCGTACATCCACCACCAACAGTTCCTCACAGGGACCTGAAACCTCAGAACTTACTCATCAGTC
 ACCTGGGAGAGCTCAAAGTGGCTGATTTTGGTCTTGCCCGGCCAAGTCCATTCCCAGCCAGACATACTC
 TTCAGAAGTCGTGACCTCTGGTACCGGCCCTGATGCTTTGCTGGGAGCCACTGAATATTCCTCTGAG
 CTGGACATATGGGTGTCAGGCTGCATCTTTATTGAAATGTTCCAGGGTCAACCTTTGTTTCTGGGGTTT
 CCAACATCCTTGAACAGCTGGAGAAAATCTGGGAGGTGCTGGGAGTCCCTACAGAGGATACTTGGCCGGG
 AGTCTCCAAGCTACCTAACTACAATCCAGAATGGTTCCACTGCCTACGCCTCGAAGCCTTCATGTTGTC
 TGGAACAGGCTGGCAGGTTTCTGAAGCTGAAGACCTGGCCTCCAGATGCTAAAAGGCTTTCCAGAG
 ACCGCGTCTCCGCCAGGAAGCACTTGTTCATGATTATTTACGCGCCTGCCATCTCAGCTGTACCAGCT
 TCCTGATGTTTACAGGAGTGAGGCTAAAGCCAGAAATGTGTGACCTTTTGGCTCTACCAGAAAGTTCAC
 CACCCAGCCAGTTTAGCAAATGCTGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - **GTTTAA**



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Protein Sequence: >RG232706 representing NM_001261435
 Red=Cloning site Green=Tags(s)

MGQELCAKTVQPGCSCYHCSEGGEAHSRRSQPETTEAAFKLTDLKEASCSMTSFHPRGLQAARAQKFKS
 KRPRSNSDCFQEEDLRQGFQWRKSLPFGAASSYLNLEKLGEGSYATVYKISRINGQLVALKVISMNAEE
 GVPFTAIREASLLKGLKHANIVLLHDIHTKETLTFVFEYMHTDLAQYMSQHPGGLHPHNVRLFMFQLLR
 GLAYIHHQHVLHRDLKPQNLLISHLGELKLADFGARAKSIPSQTYSEVVTLWYRPPDALLGATEYSSE
 LDIWGAGCIFIEMFQGQLFPGVSNILEQLEKIWEVLGVPTEDTWPGVSKLPNYPNPEWFPLPTPRSLHVV
 WNRLGRVPEADLASQMLKGFPRDRVSAQEALVHDYFSALPSQLYQLPDVSGVRLKPEMCDLLASYQKGH
 HPAQFSKCW

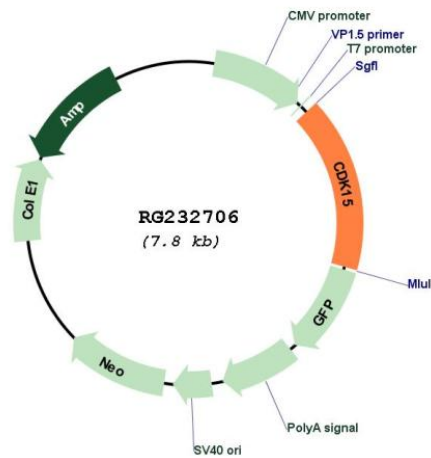
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001261435

ORF Size:	1287 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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:	NM_001261435.1 , NP_001248364.1
RefSeq Size:	3672 bp
RefSeq ORF:	1290 bp
Locus ID:	65061
UniProt ID:	Q96Q40
Cytogenetics:	2q33.1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	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]