

Product datasheet for **RC232706**

CDK15 (NM_001261435) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CDK15 (NM_001261435) 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: >RC232706 representing NM_001261435
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTCAAGAGCTGTGTCAAAGACTGTACAGCCTGGATGCAGCTGCTACCATTGTTTCAGAGGGAGGCC
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 CACCCAGCCAGTTTAGCAAATGCTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC232706 representing NM_001261435
Red=Cloning site Green=Tags(s)

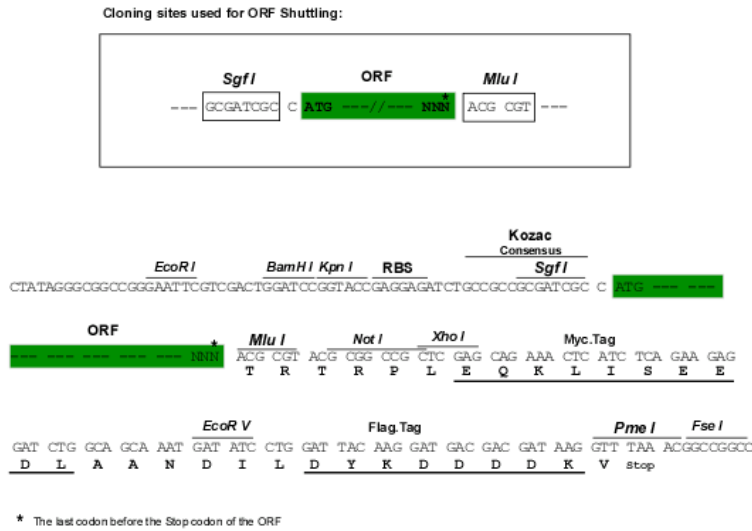
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 GVPFTAIREASLLKGLKHANIVLLHDIHTKETLTFVFEYMHTDLAQYMSQHPGGLHPHNVRLFMFQLLR
 GLAYIHHQHVLHRDLKPQNLISHLGELKLADFGLARAKSIPSQTYSEVVTLWYRPPDALLGATEYSSE
 LDIWGAGCIFIEMFQGQPLFPGVSNILEQLEKIWEVLGVPTEDTWPGVSKLPNYNPEWFPLPTPRSLHVV
 WNRLGRVPEADLASQMLKGFPRDRVSAQEALVHDYFSALPSQLYQLPDVSGVRLKPEMCDLLASYQKGH
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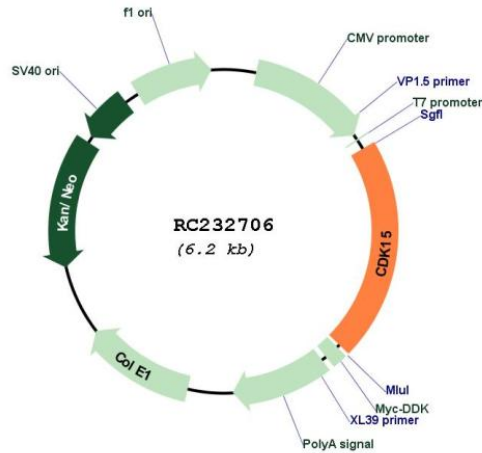
Restriction Sites:

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 |
| MW: | 48.8 kDa |
| 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] |