

Product datasheet for **SC120591**

CDK15 (NM_139158) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDK15 (NM_139158) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDK15
Synonyms:	ALS2CR7; PFTAIRE2; PFTK2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene ORF sequence for NM_139158 edited
GTGCCACTTCACAGAATCAAGGAGGCTTTCAAAAAGGGTGGCATGATTATGGTGTAA
TGCCACCAAGAGTAAAGCAAGGATCTTGCTCTGTCAACCCAGTCTGAAGTGTGTGGCGC
AACCATGGCTCTATGCAGCCTTGACCTCCTGAACCAAGCAATTGTCTGCCTCAGCCTT
CCCAGTTGCTGGGACCGCGGCTGCCTCGTTTTTCAGTTGTGCACATCTGAATGCAAGCAAT
CCCTGTCTGATGTGGAGTTTCTTGCACTGATAAGGAAAACTGCTGAAGTTGTGAGGCTG
CTCCAGGCAGAGCCATCATCTAACAGACCTAAAAGAAGCATCATGTTCCATGACTTCATT
TCACCCAGGGGACTTCAAGCTGCCGTGCCAGAAAGTTCAAGAGTAAAAGGCCACGGAG
TAACAGTGATTGTTTTAGGAAGAGGATCTGAGGCAGGGTTTTTCAGTGGAGCAGAGGAAG
AGCCTCCCTTTTGGGGCAGCCTCATCTTACTTGAACCTGGAGAAGCTGGGTGAAGGCTCT
TATGCGACAGTTTACAAGGGATTAGCAGAATAAATGGACAACACTAGTGGCTTTAAAAGTC
ATCAGCATGAATGCAGAGGAAGGAGTCCCATTTACAGCTATCCGAGAAGCTTCTCTCCTG
AAGGGTTTGAACATGCCAATATTGTGCTCCTGCATGACATAATCCACACCAAAGAGACA
CTGACATTCGTTTTTGAATACATGCACACAGACCTGGCCAGTATATGTCTCAGCATCCA
GGAGGGCTTCATCCTCATAATGTGACACTTTTCATGTTTCAACTTTTGGGGGCCTGGCG
TACATCCACCACCAACAGTTTCTCACAGGGACCTGAAACCTCAGAACTTACTCATCAGT
CACCTGGGAGAGCTCAAACCTGGCTGATTTTGGTCTTGCCCGGGCCAAGTCCATCCCAGC
CAGACATACTCTTCAAGAGTCGTGACCCCTGTTACCGGGCCCTGATGCTTTGCTGGGA
GCCACTGAATATTCCTCTGAGCTGGACATATGGGGTGCAGGCTGCATCTTTATTGAAATG
TTCCAGGGTCAACCTTTGTTTCTGGGGTTTCCAACATCCTTGAACAGCTGGAGAAAATC
TGGGAGGTGCTGGGAGTCCCTACAGAGGATACTGGCCGGGAGTCTCCAAGCTACCTAAC
TACAATCCAGAATGGTTCCTCACTGCCTACGCCTCGAAGCCTTCATGTTGTCTGGAACAGG
CTGGGCAGGGTTCTGAAGCTGAAGACCTGGCCCTCCAGATGCTAAAAGGCTTTCCAGAG
GACCGCGTCTCCGCCAGGAAGCACTTGTTCATGATTATTTAGCGCCCTGCCATCTCAG
CTGTACCAGCTTCTGATGAGGAGTCTTTGTTTACAGTTTCAGGAGTGAGGCTAAAGCCA
GAAATGTGTGACCTTTTGGCCTCCTACCAGAAAGGTCACCACCCAGCCAGTTTAGCAAA
TGCTGGTGAAAAGAAAGGGCGAGATCACCAAGGTTCTTCCAGGGCTGATTTCTGCAGTT
TCGGTTTTTCAATTTGCTTACAGCTTACTAAGAAGCTTCAAATCTAACTCCATACTGAACAAG
GGGCTTTATGTCCTCACCTATGACCTGGAATAGTTTAAATATGGTGTTCAGGCAATAGT
ACATAATAGTGAAGAAAATTCAGTGAAGGTTATTGCTATTGTCATTTGCATAGATTT
AAGTGATTGATTTAAAAAACTGGACATAAACTAAGTCTAAGAAGAGGGCTTCTGAATAA
CTTCATTCATTTTGGCATTGTGTTAAGAGATTCTGGGCTAGAAGGTTGATTTCCCAAAA
GACAGATAAGAGACTGACAATTTAAAAGAATCTGGAGACAGAGCTGGTGCTTACAGAGAC
CTGCCACTCCTGTGTTCACTTACAATTTCTCCCAAAAAGGATTTCTGTGGCAAGGAGA
AACTAGCCTAAAGTTTA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_139158 unedited CTAGCATNAAGAAAACATCATGTTNCCTGNACTTCATTTACCCAGGGAACCTCAAGCT GCCCGTGCCAGAAAGTTCAAGAGTAAAAGGCCACGGAGTAACAGTGATTGTTTTTCAGGAA GAGGATCTGAGGCAGGGTTTTTCAGTGGAGCAGAGGAAGAGCCTCCCTTTTGGGGCAGCCT CATCTTACTTGAACCTGGAGAAGCTGGGTGAAGGCTCTTATGCGACAGTTTACAAGGGGA TTAGCAGAATAAATGGACAACCTAGTGGCTTTAAAAGTCATCAGCATGAATGCAGAGGAAG GAGTCCCATTTCAGCTATCCGAGAAGCTTCTCTCCTGAAGGGTTTGAACATGCCAATA TTGTGCTCCTGCATGACATAATCCACACCAAGAGACACTGACATTCGTTTTTGAATACA TGCACACAGACCTGGCCAGTATATGTCTCAGCATCCAGGAGGGCTTCATCCTCATAATG TCAGACTTTTCATGTTTTCAACTTTTGCGGGGCCTAGCGTACATCCACCACCAACACGTTT TTCACAGGGACCTGAAACCTCAGAACTTACTCATCAGTACCTGGGAGAGCTCAAACCTGG CTGATTTTGGTCTTGCCCGGGCCAAGTCCATTCCAGCCAGACATACTCTCAGAAGTCG TGACCCTCTGGTACCGGCCCTGATGCTTTGCTGGGAGCCACTGAATATTCCTCTGAGC TGGACATATGGGGTGAATCTGCATCTTATNTGAATGTTCCAGGGTCAACCTTTGTTT CCTGGGGTTTCCNACATCCTTNGACAGCTGGAGAAATCTGGGAGGTGCTGGGGAGTCCTT ACGAGGATACTTGCCGGGAGTCTCCAACCTACTACTACATCCAGAATGGTTCCCCTGAGC TACGCCTCGAAGCTTTATGTTTTGCTGGACAGCCTGGCAGA
Restriction Sites:	Please inquire
ACCN:	NM_139158
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_139158.1</u> , <u>NP_631897.1</u>
RefSeq Size:	1534 bp
RefSeq ORF:	1155 bp
Locus ID:	65061
UniProt ID:	<u>Q96Q40</u>
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]

Transcript Variant: This variant (3) has an alternate in-frame 5' exon and initiates translation at an upstream AUG compared to variant 1. This results in a shorter protein (isoform 3) with a distinct N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.