

Product datasheet for **MG215492**

Cdk15 (NM_001024624) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk15 (NM_001024624) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cdk15
Synonyms:	BC038161; Stk9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG215492 representing NM_001024624
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGATTCTAACATTGGTAATGTGATGAATAAATTTGAGATCCTTGGGGTTGTCGGTGAAGGAGCCT
 ATGGAGTTGTACTIONTAAATGCAGACACAAGGAAACACATGAAATTGTGGCAATCAAGAAATCAAGGACAG
 CGAAGAAAATGAAGAAGTCAAGGAGACGACCTTACGAGAGCTTAAATGCTTCGCACTCTCAAGCAGGAA
 AACATTGTGGAGCTGAAGGAAGCTTTTCGTGCGAGAGGAAAATTATACCTGGTGTGTTGAATATGTTGAGA
 AGAATATGCTTGAATTGCTGGAAGAAATGCCAAATGGAGTTCCACCTGAAAAAGTCAAGAGCTATATCTA
 CCAACTAATCAAAGCTATCCACTGGTGCCACAAGAACGACATCGTCCACAGAGATATAAAGCCTGAAAAAT
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 ATAATGCTAATTATACAGAGTATGTGGCTACAAGGTGGTACCGATCCCCAGAAGTCTACTTGGAGCCCC
 CTATGGAAGTCACTGGACATGTGGTCACTGGGCTGATTTCTTGGAGAGCTTAGTGATGGCCAGCCCTTA
 TTTCTGGAGAAAAGTGAATGACCAACTCTTTACTATTCAGAAGGTGCTAGGACCACTCCATCTGAGC
 AAATGAAGCTCTTCTACAGTAACCTCGTTTTCCATGGGCTCCGGTTCAGCTGTAAACATCTCAGTC
 ATTAGAGAGAAGATACCTTGAATTTTAAATAGTGTTTTACTTGACCTAATGAAGAATTTACTGAAGTTG
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 TCCTCACAGGCATTCCATGTACGTGACCCGGGACAAAAGTGAAGCGAAAGGCCTTGATGGAAGCTTGAGC
 ATAGGACAAGGGATGGCAGCCAGAGCCAACAGTTTGCAGCTTTATCACCCAGCCTGGAGAAGCAGCTCC
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 TACAACGGATGGAACACTCAAGATCAAGATCCAGCCAGCCAGCAAGTATCTTCTTGGCATCCCATG
 AGAAATGGAACAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG215492 representing NM_001024624
 Red=Cloning site Green=Tags(s)

MKIPNIGNVMNKFEILGVVGEAYGVVLKCRHKETHEIVAIAIKFKDSEENEVKEKTTRELKMLRTLKQE
 NIVELKEAFRRRGLYLVEFYVEKNMLELLEEMPNGVPPEKVKSYIYQLIKAIHWCHKNDIVHRDIKPEN
 LLI SHNDV LKLCDFGFARNLSEGNNANYTEYVATRWYRSPPELLLGAPYGKSVDMWSVGCILGELSDGQPL
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 IDTKPSEPGTKYLKSSSTRSQNRHSFMESSQSKAGTLQPSEKQSRHSYIDTIPQSSRSPSYRTKAKSHG
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 IGQGMARANSLQLLSPQPGQLPPEMTVARPSVKESSREGASSFHTRQKSEGGVYHDPHSDGTAPKEN
 RHL YNDVPRRVGSFYRVPSPRPDNFSHENNVSTRVSSLPDSSSGTNHSKRQPGFDPWKPENISHADQ
 LKEKEKQGF FRSMKKKKKTQTPNTDGPDLLTLQKAIHSSSTASSRPKEWRPEKLSDLQTQSQPLKSLR
 KLLHLSSSTNHPASSDPRFQPLTAQQA KNSFSEIRIHPLSQATGGSSNIRQEP TPKGRPALQLPGSSLLR
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TRTRPLE - GFP Tag - V

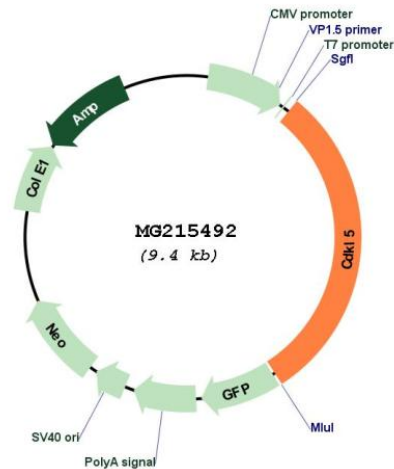
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001024624

ORF Size: 2814 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:

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_001024624.2](#), [NP_001019795.1](#)

RefSeq Size: 3246 bp

RefSeq ORF: 2817 bp

Locus ID: 382253

UniProt ID: [Q3UTQ8](#)

Cytogenetics: X 73.95 cM

Gene Summary: Mediates phosphorylation of MECP2. May regulate ciliogenesis.[UniProtKB/Swiss-Prot Function]