

Product datasheet for **MG205374**

Cdkl3 (BC028871) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdkl3 (BC028871) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cdkl3
Synonyms:	MGC28957
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205374 representing BC028871 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGATGTATGAAACCCTTGGAAAAGTGGGAGAGGGAAGTTATGGAACGGTCATGAAATGCAAACATA
AGGACACTGGGCGAATAGTGGCCATTAAGATTTTCTATGAGAAACCAGAAAAATCTGTCAACAAAATTGC
AACGAGAGAAAATAAGTTTCTAAAGCAATTCGGCATGAAAACCTGGTCAATTTGATTGAAGTTTTAGA
CAAAAGAAGAAAATTCATTTGGTATTTGAGTTTATTGACCACACGGTCTTAGATGAGCTGCAGCACTACT
GTCACGGACTAGAGAGTAAGCGGCTGAGAAAGTACCTCTCCAGATCCTTCGCGCCATTGAGTACCTGCA
TAATAATAATATTATCCATCGAGATATAAAGCCTGAGAATATTTTAGTCTCCAGTCAGGAATTACGAAG
CTGTGTGATTTTGGGTTTGCAGGACACTAGCAGCTCCTGGAGACGTTTACACAGACTACGTGGCCACAC
GCTGGTACAGAGCTCCAGAGCTGGTGTGAAAGACACCTCCTACGAAAGCCAGTGGACATCTGGGCTTT
GGGCTGTATGATCATTGAAATGGCCACTGGCCATCCCTTCCTTAGCAGTTCGATTTGGATTTGCTC
CACAAGATTGTTTTAAAGTAGGCAACCTGACCCGCACCTGCACAATATCTTTTCCAAGAGTCCCATCT
TTGCTGGGGTGGTTCTTCTCAAGTTCAACACCCAAAAACCGCAAGAAAGAAATACCCCAAGCTCAATGG
ATTGCTGGCAGATATAGTTCATGCTTGTTTACAAATTGATCCTGCTGAGAGGACATCATCTACTGATCTT
TTGCGTCACGATTACTTTACTAGAGATGGATTTATTGAGAAGAAGTGGACAGAGACAAAAGGCCAAGGA
GCTCAAAGTCAGAGTCATTAAGGCCAAAAGGGGCAAAAGGAGATGTCCAGACCAGAAAGCCAGAGTAT
GAAGGCGACCACCGCCAGCAGGGCACAGCTGATGACACACAGCCCTCATCTACTGGACAAGAAGCCTTCTG
TCTTGGAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205374 representing BC028871
 Red=Cloning site Green=Tags(s)

MEMYETLGKVGEGSYGTMKCKHKDTGRIVAIFKIFYEKPEKSVNKIATREIKFLKQFRHENLVNLIEVFR
 QKKKIHLVFEFIDHTVLDELQHYCHGLESKRLRKYLFQILRAIEYLHNNNIHRDIKPENILVSQSGITK
 LCDFGFARTLAAPGDVYTDYVATRWYRAPELVLKDTSYGKPVDIWALGCMIIEMATGHPFLPSSDDL
 HKIVLKVGNLTPHLHNIFSKSPIFAGVVLQVQHPKTARKKYPKLNGLLADIVHAQLQIDPAERTSSTDL
 LRHDYFTRDGFIEKKWETKGPSSKSESLRPKGAKEMSQTRRSQSMKATTASRAQLMTHSPHHWTRSL
 SWN

TRTRPLE - GFP Tag - V

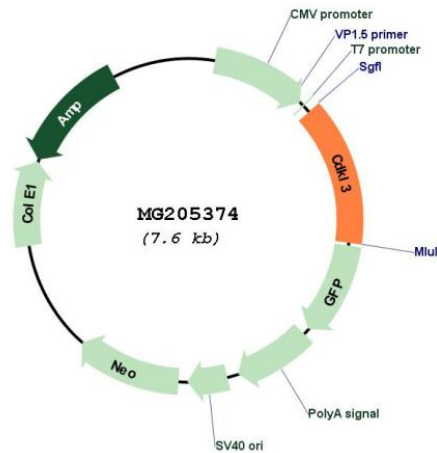
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC028871

ORF Size:	1061 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:	BC028871 , AAH28871
RefSeq Size:	1620 bp
RefSeq ORF:	1061 bp
Locus ID:	213084
Cytogenetics:	11 B1.3