

Product datasheet for **MG213588**

Cdk11 (NM_183294) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk11 (NM_183294) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cdk11
Synonyms:	4933411O17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG213588 representing NM_183294 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAAATATGAAAAAATTGAAAGATTGGAGAAGGCTCCTATGGGGTAGTGTTCAAGTGCAGAAACA
GGGACACGGGTGAGATCGTGGCCATCAAGAGTTTCTGGAAACCGAAGATGACCCGTGCATAAAGAAAAAT
CGCCCTTCGAGAAATCCGCATGCTCAAGCACTCAAGCACCCCAACCTGGTCAACCTCCTGGAAGTCTTC
CGGAGGAAGCGGAGGCTTCACCTGGTGTTCGAGTACTGCGACCACACGGTCTTCACGAGCTGGATCGGT
ATCAGAGGGGGTACCAGAGCCTCTCGTGAAGAACATAACTTGGCAGACACTGCAGGCTGTAATTTCTG
CCATAAACATAACTGCATACACAGAGACGTGAAGCCGGAAAAATTTCTCATCACCAAACAGTCAGCCATT
AAGCTCTGTGACTTTGGGTTTCGACGGCTTCTCACTGGACCAGGTGACTACTACACGGACTACGTGGCCA
CCCGGTGGTACCGCTCACCCGAGCTGCTAGTGGGAGACACGCAGTATGGTCCCCCTGTAGATGTCTGGGC
AATTGGCTGTGTGTTGCTGAGTTACTGTCCGGAGTGCCCTATGGCCAGGAAAACTGACGTGGATCAG
CTCTACCTGATAAGGAAAAACCTGGGGACCTCATTCCAGGCACCAGCAAGTATTTAGCATGAATCAAT
ACTTCAGTGGGGTAAAAATTCAGACCCCTGAAGACATGAAACACTTGAGTTGAAATTTCCAAACATCTC
CTACTGCACTGGGCTTCTTAAAGGGCTGCCTCCACATGGATCCTGCTGAGAGGCTGACATGCGAACAG
CTGTTGCAGCATCCATATTTTACAGCATTGAGAAAGTTGGGGAGTTGACGAGACAACATGACAAACCAG
CGAGGAAGACTCTGAGGCAGAGTAGAAAGCACTTGACTGGGCTGCAGTACCTACCTCAGCTAACCAGCAG
CCGCATCCTTCCAGCTTTGGACAATAAGAAGTACCACTGTAGTACCAAGAGATTTAACTACCATTTTCCA
AATATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG213588 representing NM_183294
 Red=Cloning site Green=Tags(s)

MEKYEKIGKIGEGSYGVVFKCRNRDTGQIVAIKRFLLETEDDPVIKIKIALREIRMLKQLKHPNLVNLLEVF
 RRRKRLHLVFEYCDHTVLHELDYRQGVPEPLVKNITWQTLQAVNFCCHKHNCIHRDVKPENILITKQSAI
 KLCDFGFARLLTGPDYDYDVATRWRYSPELLVGDTQYGPVVDVWAIGCVFAELLSGVPLWPGKSDVDQ
 LYLIRKTLGDLIPRHQQVFSMNQYFSGVKIPDPEDMETLELKFPNISYSALGFLKGCLHMDPAERLTCEQ
 LLQHPYFDSIREVGLTRQHDKPARKTLRQSRKHLTGLQYLPQLTSSRILPALDNKKYHCSTKRFNYHFP
 NI

TRTRPLE - GFP Tag - V

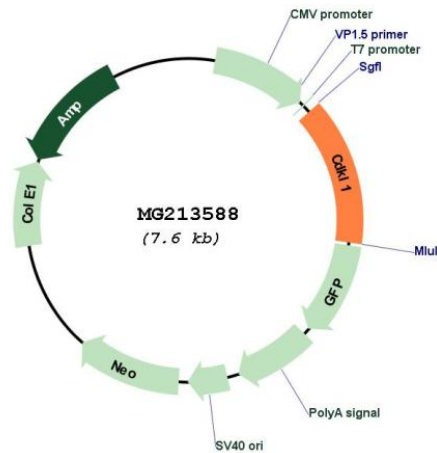
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_183294

ORF Size:	1056 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_183294.2 , NP_899117.1
RefSeq Size:	1689 bp
RefSeq ORF:	1059 bp
Locus ID:	71091
UniProt ID:	Q8CEQ0
Cytogenetics:	12 C2