

Product datasheet for **RG201178**

CDK2AP2 (NM_005851) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CDK2AP2 (NM_005851) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CDK2AP2
Synonyms: DOC-1R; p14
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG201178 representing NM_005851
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTACAAACCCATCGCCCTGCTCCAGCAGCACCCCTGGCTCCAGCACCCCTGGCCGGGCACCC
CGGTCCCTACAGGAAGCGTCCCCTCGCCGTCGGGCTCAGTGCCAGGAGCCGGCGCTCCTTTCAGACCGCT
GTTTAACGACTTTGGACCGCCTCCATGGGCTACGTGCAGGCGATGAAGCCACCCGGCGCCAGGGCTCC
CAGAGCACCTACACGGACCTGCTGTGATCATAGAGGAGATGGGCAAAGAGATCCGGCCTACCTATGCTG
GCAGCAAGAGCGCCATGGAGCGCCTGAAGAGAGGTATCATCCATGCCCGGCCCTAGTCAGAGAGTGCCT
GGCAGAGACAGAGCGGAACGCCCGCACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG201178 representing NM_005851
 Red=Cloning site Green=Tags(s)
 MSYKPIAPAPSSTPGSSTPGPGTPVPTGVSVPSPSGSVPGAGAPFRPLFNDFGPPSMGYVQAMKPPGAQGS
 QSTYTDLLSVIEEMGKEIRPTYAGSKSAMERLKRGIHARALVRECLAETERNART

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_005851.5
RefSeq Size:	1397 bp
RefSeq ORF:	381 bp
Locus ID:	10263
UniProt ID:	O75956
Cytogenetics:	11q13.2
Gene Summary:	This gene encodes a protein that interacts with cyclin-dependent kinase 2 associated protein 1. Pseudogenes associated with this gene are located on chromosomes 7 and 9. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]