

Product datasheet for **MG205684**

Sdccag10 (BC025437) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sdccag10 (BC025437) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Sdccag10
Synonyms:	3110009E13Rik; NY-CO-10; Sdccag10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205684 representing BC025437 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAATGCTGGTCCACATGATAATGGCAGCCAGTTTTTCTTTACTCTGGGCCGAGCAGATGAACTTA
ACAATAAGCACACCATCTTTGGAAAGGTTACAGGAGATACAGTGTACAACATGCTACGCCTGACAGAAGT
AGATATTGATGATGAAGAAAGACCCCGCAATCCACATAGAATCAAGAGTTGTGAGGTTTTGTTAATCCT
TTTGATGACATCACTCCAAGAGAAATTTAAAGCCCAAGAATGAGAAGCCAGAAGAAGTTAAGAAAT
TGAACCTAAAGGCACAAAAATTTTAGTTTACTTTCTTTGGAGAAGAAGCTGAGGAGGAGGGAAGA
GGTGAACCGAGTCAGTCAGAGCATGAAGGGGAGAAGTAAGAGCAGCCATGACCTGCTCAAGGACGACCCG
CATCTAAGCTCTGTCCCAGCAGTGGAAAGTGAAAAAGATGATGCAACAGGAGATTTAGAAGATGATGGTG
AGGATGACAGTGCAGAGCGTGACGAATACATGGAAGATGATGAGAAGAACCTGATGAGAGAAAGAATTGC
AAAACGGTTAAAGAAAGATGCAAGTGCCAGTGTGAAGTCAGCCGAGACGGGGAGAAGAAGCCGGCAAGC
CGAAGTGAAGAGCTCAGGAAAGAAGCAAGGCAGTTAAACGAGAACTCTTAGCAGCGAAACAGAAGAAAG
AACTGCCACAAAAGTGGAGGAAGGAAGGAAGGAAGAAGCTGCCCCAGATGGCGCTGTTGCAGAGTA
CAGGCGAGAAAAGCAGAAGTATGAAGCTTTGCGGAAGCAACAGCCAAAGAAGGGAACCTCCCGCAGGAC
CAGACCTGGCACTACTGAGCCAGTTTAAATCTAAGCTCAAGCAATTACTGAAACACCTGAAAAACA
GTGTTCCCTGAAGCAGAAGTGGAGGACGATGAAGGCTGGATGTCACATGTGCTCCAGTTTGAAGACAAAAAC
CAGAAAAGTGAAGATGCAAGCATGCAGGACTCAGACACATTTGAAATCTATGATCCTCGGAACCCAGTG
AACAAAAGGAGACGGGAAGAGAGCAAAAAGCTGTTGAGAGAGAAGAAAGAAGGCGG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205684 representing BC025437
 Red=Cloning site Green=Tags(s)

MANAGPHDNGSQFFFTLGRADELNKHTIFGKVTGDTVYNMLRLTEVDIDDEERPRNPHRIKSCEVLFNP
 FDDITPREIKKPKNEKPEEEVKKLKPKGTKNFSLLSFGEEAEVEEVNRSQSMKGRSKSSHLLKDDP
 HLSSVPAVESEKDDATGDLEDDGEDDSAERDEYMEDDEKNLMRERIAKRLKDDASASVKSAGDGEKKPAS
 RSEELRKEARQLKRELLAAKQKKEATKVEEGREEEAAPDGAVAEYRREKQKYEARLQKQPKKGT SRED
 QTLALLSQFKSLTQAITETPENSYPEAEVEDDEGWMSHVLQFEDKTRKVKDASMQSDSTFEIYDPRNPV
 NKRRREESKLLREKKERR

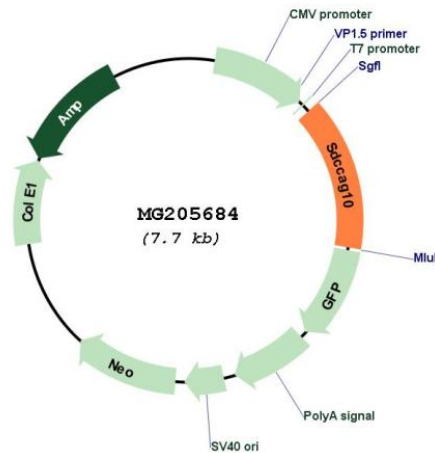
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC025437

ORF Size:	1109 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:	BC025437 , AAH25437
RefSeq Size:	1857 bp
RefSeq ORF:	1109 bp
Locus ID:	67285
Cytogenetics:	13 D1
Gene Summary:	As part of the spliceosome, plays a role in pre-mRNA splicing. Probable inactive PPlase with no peptidyl-prolyl cis-trans isomerase activity.[UniProtKB/Swiss-Prot Function]