

Product datasheet for **MG200688**

Sub1 (BC010967) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sub1 (BC010967) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Sub1
Synonyms: P9, P15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200688 representing BC010967
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTAAATCAAAGGAACCTGTTTCTTCAAGCTCTTCAGGCAGTGATTCGGACAGCGAAGTTGAAAAA
 AGTTAAAGAGGAAAAAGCAAGCGGTTCCAGAGAAGCCCGTGAAGAAGCAGAAGCCTGGTGAGACTTCTAG
 AGCACTGGCATCCTCCAAGCAGAGCAGCAGCAGCAGAGATGACAACATGTTCCAGATTGAAAGATGAGA
 TATGTCAGTGTTCCGGACTTCAAAGGAAAAATTCTAATTGATATTAGAGAATATTGGATGGATTCAGAAG
 GTGAAATGAAACCAGGAAGAAAAGTATTTCTTTAAACATGGAACAATGGAGCCAGCTGAAGGAACAGAT
 CTCTGATATAGATGACGCAGTAAGAAAGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200688 representing BC010967
 Red=Cloning site Green=Tags(s)

MPKSKELVSSSSGSDSSEVEKKLKRKKQAVPEKPVKKQKPGETSRALASSKQSSSRDDNMFQIGKMR
 YVSVRDFGKILIDIREYWMDSGEMKPRKGISLNMEQWSQLKEQISDIDDAVRKL

TRTRPLE - GFP Tag - V

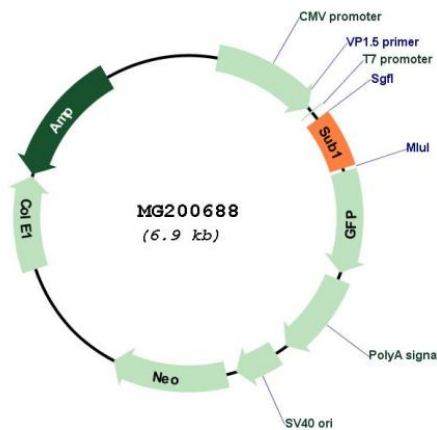
Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Cloning sites used for ORF Shutting:


Plasmid Map:

ACCN: BC010967

ORF Size: 383 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:	BC010967 , AAH10967
RefSeq Size:	694 bp
RefSeq ORF:	383 bp
Locus ID:	20024
Cytogenetics:	15 A1
Gene Summary:	General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).[UniProtKB/Swiss-Prot Function]