

CTTTTGGCTTTTTTGGCTCATACACAAAGGGAAGCTTACGCACCTCGGATATTTTTGAGGCTTCCAGC
CTCCGTGGTTTACTCCCAGGTCACAACAGGACTGCTCTGAGTACCTCAGGTTTCTGCTGGACAGACTCCA
TGAAGAAGAAAAGATCTTGCGAGTTTCACTCTCACATAAGCCTTCGGAAGGTCTGGACTGTGCTGAAACT
TGTTTACAAGAGGTGACCAGTAAGGTAGCAGTGCCACAGAGTCTCTGGTACAGGTGACAGTGAGAAGA
CTCTAATAGAGAAAATGTTTGGAGGGAAGCTACGGACTCACATCTGCTGCCTAACTGTGGGAGTACCT
ACACAAAGTTGAAGCCTTCACAGATCTTTCGCTAGCCTTTTGTCTAGCCCTTCTGTGGAAGACCTGTCT
TTCCAAGATACAGCTTCGTTACCCAGTGCTCAAGATGATGGGCTAATGCAAACAGTGTCGCTGACCCAG
AAGAAGAGCCAGTAGTTTATAATCCAGCAACAGCTGCCTTTGTCTGCGACTCAGTTGTGAATCAAAGAGT
ATTAGGCAGTCTCTGTTGAGTTTCACTGTGCTGAAAGCTCTTCTGTCCCTGAAGAATCTGCAAAGATT
CTCATCAGTAAAGATGTACCTCAGAACCAGGAGGTGAAAGCACAACTTCAGTGACTGACTTACTAACT
ACTTCTGGCTCCAGAGGTTCTTACTGGGGAGAACCAATACTACTGTGAAAGCTGTGCCTCTCTACAGAA
CGCAGAGAAAATATGCAAATCACGGAGGAGCCTGAGTATCTTATCCTTACGCTCCTGAGATTCTCTTAC
GATCAGAAGTACCATGTGAGAAGAAAAATTTAGACAATGTGTCACTGCCTCTGGTTTTGGAGTTGCCAG
TTAAAAGAACTGCTTCCTTCTTCTTCTGTGCCAGAGTTGGTCTGTAGATGTTGACTTCACTGATATTAA
TGAGAACCTACCTAAAAAATTAACCTTCTGGGACTGAAGAAGCTTCTGCCCAAATAGTGCCCTAC
CTATTAAGTTCTGTTGTTGTGCACTCTGGTGTGTCCTCTGAGAGTGGCCATTACTACTTATGCCAGAA
ACATCACAGGTACAGAGTCTTCATACCAGATGTGCCCCCAGTCTGAAAGTCTGGCATTAGCACCCCTCCCA
GAGTTGTTTACTAGGGGTAGAAAGCCCCAATACAGTCATTGAACAGGACTTGGAAAATAAGGAAATGTCA
CAAGAGTGGTTTTTATTTAATGACAGCAGGGTGACATTTACTTCATTTCACTGAGTTGAGAAAATCACAA
GTAGGTTTCCAAAAGACACAGCTTATGTGCTTTTGTACAAAAACAAAGCAGAGCTAATGGCATAGACAG
TGACAATCCAGCCAGTGGTGTCTGGGCAATGGAGATCCACCCTACAGAAAGAGCTGATGGATGCCATA
ACAAAGGACACCAAGCTGTATTTGCGAGGAACAAGAAATGAATGCTCGAGCCCGGCCCTGCAAGCTGCAT
CTGCTTCTGTTGTCGTTCCGACCAATGGATTGATGACAATGACCACCGAAGCTGTGGGCCAAGCTGG
TGGGGCGCGTGGAGGAGGCTTCAATACAGTTGGCAGACTCGTATTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG211511 representing BC054404

Red=Cloning site Green=Tags(s)

MDKILEGLVSSSHPLPKRMIVRKVVEFAEHWLDEAQCEAMFDLTTRLILEGQDPFQRQVGHQVLEAYAR
YHRPEFESFFNKTFVLGLLQQGYHSVDRKDVAILDYIHNGLKLIMSCPSVLDLFSLLQVEVLRMVCERPE
PVL CARLSDLLTDFVQCVPKGKLSVTFCCQLVRTIGHFQCVSTQEKELREYVSQVTKVSTLLQNIWKAEB
STLLPSLQEVFASISSTDAFEPSSVALASLVQHIPLQMITVLIRSLTDPNVKDASMTQALCRMIDWLSW
PLAQHVDTWVIALLKGLAAVQKFTILIDVTLTKIELVFNRLWFPLVRPGALAVLSHMLLSFQHSPEAFHV
IVPHIYNLVHSFRSDGLPSSTAFLVQLTELVHCMMYHYSGFDPLEYPILEAVKDFPKPSEEKIKLILNQS
AWTSQSNALASCLSRLSGKSETGKTGLTNLGNTCYMNSVLQALFMATEFRRQVLSLNLNGNSLMKKLQH
LFAFLAHTQREAYAPRIFFEASRPPWFTPRSQQDCSEYLRFLDRLHEEEKILRVQSSHKPSEGLDCAET
CLQEVTSKVAVPTESPGTGDSEKTLIEKMFGGKLRTIHCCNLNGSTSHKVEAFTDLSLAFCPSPSVEDLS
FQDTASLPSAQDDGLMQTSVADPEEPPVYVNPATAAFVCDSSVNQRVLGSPPVEFHCAESSSVPEESAKI
LISKDVPQNPGGESTTSVTDLLNYFLAPEVL TGENQYYCESCASLQNAEKTMQITEEPEYLILTLRFSY
DQKYHVRRKILDNSVSLPLVLELPVKRTASFSSLSQSWSDVDVDFDINENLKKPLKPSGTGTEAFCKPLVPY
LLSSVVHSGSVSESSEGHYYSYARNITGTESSYQMCQPSQESLALAPSQCLLVGESPNVTIEQDLNEMKS
QEWFLFNDSRVFTSFQSVQKITSRFPKDTAYVLLYKKQSRANGIDSDNPASGVWANGDPPLQKELMDAI
TKDNKLYLQEQLNARARALQAASASCSPRPNFGDDNDPPGSCGPTGGGGGGGNTVGRIVF

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC054404

ORF Size: 3126 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:

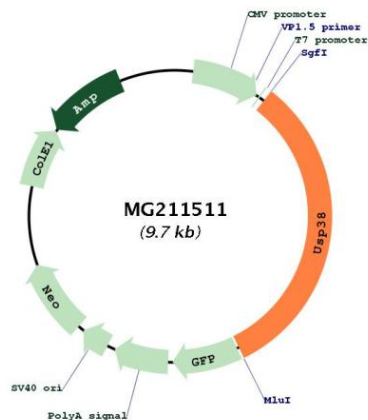
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC054404](#), [AAH54404](#)

RefSeq Size:	4711 bp
RefSeq ORF:	3128 bp
Locus ID:	74841
Cytogenetics:	8 38.68 cM
Gene Summary:	Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG211511