

Protein Sequence: >MG221532 representing NM_146227
 Red=Cloning site Green=Tags(s)

MEPWCGAEVRGQGPQGPVPGASRSRALLLLLLLLLLLLLLPRRPAGERIRPRRPPRHAHPRPLTRSRP
 STGYLAAGASPGTLSTTVPTGPGVSCGSRGICPSSRLRPRQAQTNQTTAPPNSQTMAPLKTVGTLGMM
 DTTGSVLKTVHSSNLPFCGSSHEPDPTLRDPEAMTRRWPMVSVQANGSHVCAGILIASQWVLTVAHCLS
 QNHVNYIVRAGSPWINQTAGTSSDVPVHRVVIINHGYQPRRYWSWVGRAHDIGLLKWKGLKYSKYWPIC
 LPGLDYVVEDSSLCTVTGWGYPVPRANGIWPQFQSLQEKEVSILNSKKCDHFYHKFSRISSLVRIINPQMIC
 ASDNNREEFCYEITGEPLVCSDDGTWYLVGMMSWGPGCKKSEAPPIFLQVSYRPIWDRLSGEPLALPA
 PSRTLLLAFLLLLILLGTL

TRTRPLE - GFP Tag - V

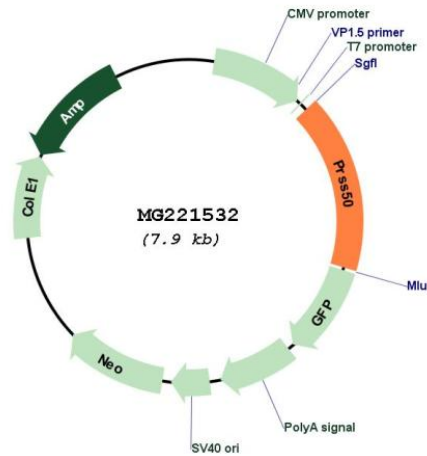
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_146227

ORF Size:	1317 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_146227.4 , NP_666339.2
RefSeq Size:	1455 bp
RefSeq ORF:	1320 bp
Locus ID:	235631
UniProt ID:	B2RWS9
Cytogenetics:	9 60.79 cM
Gene Summary:	May be involved in proteolysis through its threonine endopeptidase activity. [UniProtKB/Swiss-Prot Function]