

Product datasheet for **RG225233**

RNASE9 (NM_001110356) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNASE9 (NM_001110356) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RNASE9
Synonyms: h461; HEL128; RAK1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225233 representing NM_001110356
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGAGAACTCTCATCACCACACCCACTGCCCTGCTTCTATTGCCGCAGCAGCTGCTGCAGCTGG
TGCAGTTTCAAGAGGTGGATACAGATTTTGATTCCCGAGAAGAAGATAAAAAAGAAGATTTGAAGAGTG
TTGGAAAAATTTTTAGTACAGGGCCCGCAGACCACCTACCAAAGAAAAAGTCAAAGACGTGCCTT
ATTGAACCTGGAATGCCACTAAATCATATAGAGTACTGTAACCATGAAATCATGGAAAAATGTTTACT
ACAAACACCGTTGGGTGGCAGAACATTACTTCTTCTTATGCAATATGACGAGCTCCAAAAATCTGTTA
CAACAGATTTGTCCATGTAAGAATGGAATTAGGAAATGTAACAGGAGCAAAGGTCTTGTAGAAGGAGTG
TATTGTAATTTAACAGAAGCATTGAAATACCAGCGTGTAAATACGAATCACTTTATAGGAAGGGCTACG
TCCTTATCACTTGTTCATGGCAAATGAAATGCAAAAACGTATTCCTCATACTATAAATGATCTCGTGGG
GCCACCTGAACACAGAAGTTTCTCAGTGAGGATGGTGTCTTTGTATATCGCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225233 representing NM_001110356
Red=Cloning site Green=Tags(s)

MMRTLITTHPLLLLLPQQLQLVQFQEVDTDFDFPEEDKKEEFEECLEKFFSTGPARPPTKEKVRRVL
IEPGMPLNHIEYCNHEIMGKNVYKHRWVAEHYFLLMQYDELQKICYNRFVPCNGIRKCNRSKGLVEGV
YCNLTEAFEIPACKYESLYRKGYVLITCSWQNMQKRIPIHTINDLVEPPEHRSFLESDEGVFVISP

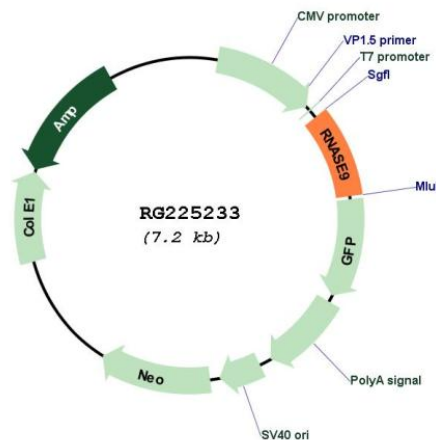
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:

Plasmid Map:


ACCN: NM_001110356

ORF Size: 615 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.

RefSeq: [NM_001110356.1](#), [NP_001103826.1](#)

RefSeq Size: 1120 bp

RefSeq ORF: 618 bp

Locus ID: 390443

UniProt ID: [P60153](#)

Cytogenetics: 14q11.2

Protein Families: Secreted Protein

Gene Summary: Does not exhibit any ribonuclease activity.[UniProtKB/Swiss-Prot Function]