

Product datasheet for **RG236552**

RNASE9 (NM_001289110) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNASE9 (NM_001289110) 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: >RG236552 representing NM_001289110.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGAGAACTCTCATCACCACACACCCACTGCCCTGCTTCTATTGCCGCAGCAGCTGCTGCAGCTG
GTGCAGTTTCAAGAGGTGGATACAGATTTTGTATTTCCAGAGAAGATAAAAAAGAAGATTTGAAGAG
TGTTTGGAAAAATTTTTAGTACAGGGCCGCCAGACCACCTACCAAAGAAAAAGTCAAAGACGTGTC
CTTATTGAACCTGGAATGCCACTAAATCATATAGAGTACTGTAACCATGAAATCATGGGAAAAATGTT
TACTACAAACACCGTTGGTGGCAGAACATTACTTCTTCTTATGCAATATGACGAGCTCCAAAAATC
TGTTACAACAGATTTGTCCATGTAAGAATGGAATTAGGAAATGTAACAGGAGCAAAGGTCTTGTAGAA
GGAGTGTATTGTAATTTAACAGAAGCATCTGAAATACCAGCGTGTAAATACGAATCACTTTATAGGAAG
GGCTACGTCCTTATCACTTGTTTCATGGCAAAATGAAATGCAAAAACGTATTCTCATACTATAAATGAT
CTCGTGGAGCCACCTGAACACAGAAGTTTCTCAGTGAGGATGGTGTCTTTGTCATACCGCCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236552
Blue=ORF Red=Cloning site Green=Tag(s)

```
MMRTLITTHPLLLLLPQQLQLVQFQEVDTDFDFPEEDKKEEFEECLEKFFSTGPARPPTKEKVKRRV
LIEPGMPLNHIEYCNHEIMGKNVYKHRWAHEHYFLLMQYDELQKICYNRFVPCNGIRKCNRSKGLVE
GVYCNL TEASEIPACKYESLYRKGYYLITCSWQNEQKRIPHTINDLVEPPEHRSFLSEDFVFIIPP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

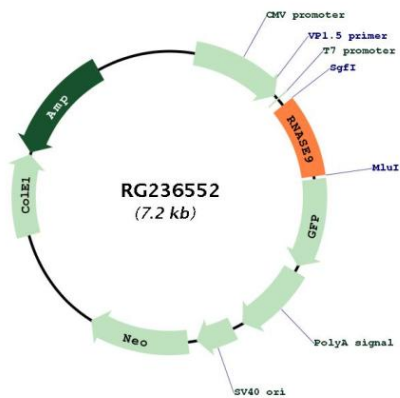
Restriction Sites: Sgfl-MluI



Cloning Scheme:


- ACCN:** NM_001289110
- 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).
- RefSeq:** [NM_001289110.1](#), [NP_001276039.1](#)
- RefSeq Size:** 1155 bp
- RefSeq ORF:** 618 bp
- Locus ID:** 390443
- UniProt ID:** [P60153](#)
- Cytogenetics:** 14q11.2
- Protein Families:** Secreted Protein
- MW:** 24.3 kDa
- Gene Summary:** Does not exhibit any ribonuclease activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236552