

Product datasheet for **SC317185**

RNASE9 (NM_001110357) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNASE9 (NM_001110357) Human Untagged Clone
Tag: Tag Free
Symbol: RNASE9
Synonyms: h461; HEL128; RAK1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC317185 representing NM_001110357.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGCTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGATGAGAACTCTCATCACCACACCCACTGCCCTGCTTCTATTGCCGCAGCAGCTGCTGCAGCTG
GTGCAGTTTCAAGAGGTGGATACAGATTTTGATTTCCAGAGAAGATAAAAAAGAAGATTTGAAGAG
TGTTTGAAAAATTTTTAGTACAGGGCCCGCCAGACCACCTACCAAAGAAAAAGTCAAAGACGTGTC
CTTATTGAACCTGGAATGCCACTAAATCATATAGAGTACTGTAACCATGAAATCATGGGAAAAATGTT
TACTACAAACACCGTTGGGTGGCAGAACATTACTTCTTCTTATGCAATATGACGAGCTCCAAAAATC
TGTTACAACAGATTTGTCCATGTAAGAATGGAATTAGGAAATGTAAACAGGAGCAAAGGTCTTGTAGAA
GGAGTGTATTGTAATTTAACAGAAGCATTGAAATACCAGCGTGTAAATACGAATCACTTTATAGGAAG
GGCTACGTCCTTATCACTTGTTTCATGGCAAAATGAAATGCAAAAACGTATTCTCTACTATAAATGAT
CTCGTGGAGCCACCTGAACACAGAAGTTTCTCAGTGAGGATGGTGTCTTTGTATATCGCCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI
Plasmid Map: □
ACCN: NM_001110357
Insert Size: 618 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001110357.1</u>
RefSeq Size:	1103 bp
RefSeq ORF:	618 bp
Locus ID:	390443
UniProt ID:	<u>P60153</u>
Cytogenetics:	14q11.2
Protein Families:	Secreted Protein
MW:	24.3 kDa
Gene Summary:	<p>Does not exhibit any ribonuclease activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6, also known as alpha1) lacks two alternate exons in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus than isoform 1. Variants 5, 6, 7, and 8 encode the same isoform (2).</p>