

Product datasheet for **SC334446**

RNASE9 (NM_001289110) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNASE9 (NM_001289110) 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:	>NCBI ORF sequence for NM_001289110, the custom clone sequence may differ by one or more nucleotides

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ATGATGAGAACTCTCATACCACACACCCACTGCCCTGCTTCTATTGCCGCAGCAGCTGCTGCAGCTGG
TGCAGTTTCAAGAGGTGGATACAGATTTTGATTTCCAGAGAAGAAGATAAAAAAGAAGATTTGAAGAGTG
TTTGGAAAAATTTTTAGTACAGGGCCCGCCAGACCACCTACCAAAGAAAAAGTCAAAGACGTGCCTT
ATTGAACCTGGAATGCCACTAAATCATATAGAGTACTGTAACCATGAAATCATGGGAAAAATGTTTACT
ACAAACACCGTTGGGTGGCAGAACATTACTTCTTCTTATGCAATATGACGAGCTCCAAAAATCTGTTA
CAACAGATTTGTCCATGTAAGAATGGAATTAGGAAATGTAACAGGAGCAAAGGCTTGTAGAAGGAGTG
TATTGTAATTTAACAGAAGCATTGAAATACCAGCGTGAATACGAATCACTTTATAGGAAGGGCTACG
TCCTTATCACTTGTTTCATGGCAAATGAAATGCAAAAACGTATTCTCATACTATAAATGATCTCGTGGA
GCCACCTGAACACAGAAGTTTCTCAGTGAGGATGGTGTCTTTGTCATATCGCCCTAG
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001289110
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).
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).



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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_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

Gene Summary: Does not exhibit any ribonuclease activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (8) lacks an alternate exon 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).