

Product datasheet for **SC301743**

RNS10 (RNASE10) (NM_001012975) Human Untagged Clone

Product data:

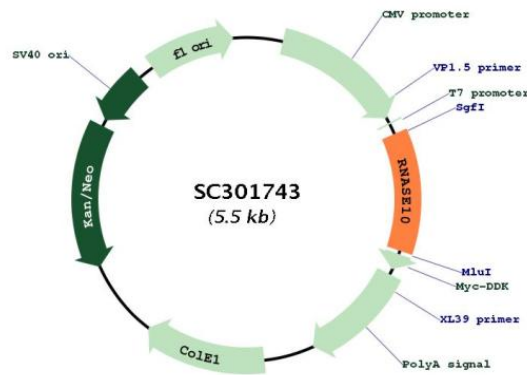
Product Type:	Expression Plasmids
Product Name:	RNS10 (RNASE10) (NM_001012975) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNASE10
Synonyms:	RAH1; RNASE9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301743 representing NM_001012975. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGCTGAATCTGGTGCAGATCTTTTTCATGTTGCTGATGCTGCTGGCCTGGGGATGGGCCTG
GGGTTGGGACTTCATATGGCTACAGCAGTCTTGGAGGAGAGTGATCAACCGCTCAATGAATTTTGGTCC
AGTGACTCACAGGACAAAGCTGAGGCCACTGAGGAGGGAGACGGCACCCAAACCACAGAAACGCTGGTG
CTTAGCAACAAAGAAGTGGTGAACCTGGCTGGCCAGAAGATCCCATCCTCGGTGAAGATGAGGTTGGG
GGTAACAAGATGCTCAGAGCCTCAGCTCTTTTCAGAGCAACAAAGACTATCTTAGGCTTGACCAGACA
GATAGAGAATGCAATGATATGATGGCACACAAGATGAAGGAGCCAGTCAGAGTTGCATAGCCCAGTAT
GCATTCATCCATGAGGATCTAAACACAGTCAAAGCTGTCTGTAACAGTCCTGTCATTGCCTGTGAGCTC
AAGGGGGGAAAATGTCACAAAAGCTCCCACCTTTTGATTTGACATTGTGCGAGCTGTCCCAACCAGAC
CAGGTCACCTCAACTGCAATTACCTAACTTCTGTTATAAAAAAGCACATTATTATAACCTGTAATGAC
ATGAAGCGCCAGTTACCAACTGGACAA TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001012975

Insert Size: 651 bp

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:

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_001012975.1](#)

RefSeq Size:	651 bp
RefSeq ORF:	651 bp
Locus ID:	338879
UniProt ID:	<u>Q5GAN6</u>
Cytogenetics:	14q11.2
Protein Families:	Secreted Protein, Transmembrane
MW:	24 kDa
Gene Summary:	Secreted proximal epididymal protein required for post-testicular sperm maturation and male fertility. May be involved in sperm adhesion to the egg zona pellucida. Does not have ribonuclease activity (By similarity).[UniProtKB/Swiss-Prot Function]