

Product datasheet for **SC305478**

Ribonuclease 7 (RNASE7) (NM_032572) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ribonuclease 7 (RNASE7) (NM_032572) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ribonuclease 7
Synonyms:	RAE1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_032572 edited GGACACCACCTCAGCCCAGTACAGCAGGAGTACAGCACGAAGACCAAGCGCAAAGCGACC CCTGCCCTCCATCCTGACTGCTCCTCCTAAGAGAGATGGCACCAGGAGCAGGATTCT GCCCCCTTCTGCTGCTTCTGCTGCTGGGGCTGTGGGTGGCAGAGATCCCAGTCAGTGCCA AGCCCCAAGGGCATGACCTCATCAGTGGTTTAAATTCAGCACATGCAGCCAGCCCTC AAGCATGCAACTCAGCCATGAAAAACATTAACAAGCACACAAAACGGTGCAAAGACCTCA ACACCTTCTGACGAGCCTTTCTCCAGTGTGGCCGCCACCTGCCAGACCCCAAAATAG CCTGCAAGAAATGGCGATAAAAACTGCCACCAGAGCCACGGGCCCGTGTCCCTGACCATGT GTAAGCTCACCTCAGGGAAGTATCCGAAGTGCAGGTACAAAGAGAAGCGACAGAACAAAGT CTTACGTAGTGGCCTGTAAGCCTCCCCAGAAAAAGGACTCTCAGCAATTCCACCTGGTTC CTGTACACTTGGACAGAGTCCTTTAGGTTTCCAGACTGGCTTGCTCTTTGGCTGACCTTC AATTCCCTCTCCAGGACTCCGCACCACTCCCCTACACCCAGAGCATTCTCTTCCCCTCAT CTCTTGGGGCTGTTCTGTTTTCAGCCTCTGCTGGGAGGCTGAAGCTGACACTCTGGTGAG CTGAGCTCTAGAGGGATGGCTTTTCATCTTTTGTGCTGTTTTCCAGATGCTTATCCC CAAGAAACAGCAAGCTCAGGTCTGTGGGTTCCCTGGTCTATGCCATTGCACATGTCTCCC CTGCCCCCTGGCATTAGGGCAGCATGACAAGGAGAGGAAATAAATGGAAGGGGGCATAT GGGATTTGTGGACACAGCTGTTTCTGTTCTGAACTAGAAGTCTTCCCCAGCTCTGACGT GGCAGTGAGGTGACCTGAAGGAAAGAAAAATAAATAAATACCACTTCATATTTGTATA GAATCCTCTAATCCCTTGTGACATAGACTTGACAGGGATTGTATGCCTTCTTTATGGATG AGGAAATTAAGGTTTTAGAAAGCTTAATGAATTAAGAGCTTGTCTAATTAGTTAGTAGC AGAACCTGGACTTGAACCTAGGTCTCCTTGCTCTAAATACAGTGTACCTTCTACTCTACC AGTTGCGCAAGAAAGAAGTCACTGTACAGAGGCAAGCGGTGA

Restriction Sites: Please inquire

ACCN: NM_032572

Insert Size: 1300 bp



[View online »](#)

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:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_032572.2.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_032572.2, NP_115961.1</u>
RefSeq Size:	1465 bp
RefSeq ORF:	471 bp
Locus ID:	84659
UniProt ID:	<u>Q9H1E1</u>
Cytogenetics:	14q11.2
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein has broad-spectrum antimicrobial activity against bacteria and fungi. [provided by RefSeq, Oct 2014]