

Product datasheet for **SC324224**

Ribonuclease T2 (RNASET2) (NM_003730) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ribonuclease T2 (RNASET2) (NM_003730) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ribonuclease T2
Synonyms:	bA514O12.3; RNASE6PL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003730 edited
 CGTGGGCGGACGGCGGCTGCAGCGCGGAGGAGCTGGGGTCGCTGTGGGTCGCGAAGCAGA
 GCCCGGGACGTGCGCGCTTGGTGCACGATCCTGAAGGGGAGCTCCGAGGGGCCCGGTCT
 CCAGGGCTGCTGCGGCCATTCCCGAGCCCGGCGCGGGGCCCGGAGATACTGGTTTAGG
 CCGTCCCAGGGCTCCGGGCGCACCCGGTGGCCGCTGCTGCAGCGAGGGAGCGCGCGGC
 GCGGGGGCTCGGAGACAGCGTTTCTCCCGAAGTCTTCTCGGGCAGCAGGTGGGAAGTG
 GGAGCCGGAGCGGACGCTGGCAGCGTTCTCTCCGAGGTGGCACCATGCGCCCTGCAGC
 CCTGCGCGGGGCCCTGCTGGGCTGCCTTGCTGGCGTTGCTTTGCTGGGCGGTGCGGA
 CAAGCGCTGCGTGACAACCATGAGTGGAAAACTAATTATGGTTCAGCACTGGCCTGA
 GACAGTATGCGAGAAAATCAAAACGACTGTAGAGACCCTCCGGATTACTGGACAATACA
 TGGACTATGGCCCGATAAAAAGTGAAGGATGTAATAGATCGTGGCCCTCAATTTAGAAGA
 GATTAAGGATCTTTTCCAGAAATGAGGGCATACTGGCCTGACGTAATCACTCGTTTCC
 CAATCGCAGCCGCTTCTGGAAGCATGAGTGGGAAAAGCATGGGACCTGCGCCGCCAGGT
 GGATGCGCTCACTCCGAGAAGAAGTACTTTGGCAGAAGCCTGGAACCTACAGGGAGCT
 GGACCTCAACAGTGTGCTTCTAAAATTGGGGATAAAACCATCCATCAATTACTACCAAGT
 TGCAGATTTTAAAGATGCCCTTGCCAGAGTATATGGAGTGATACCCAAAATCCAGTGCCT
 TCCACCAAGCCAGGATGAGGAAGTACAGACAATTGGTCAGATAGAAGTGTGCCTCACTAA
 GCAAGACCAGCAGCTGCAAACTGCACCGAGCCGGGGAGCAGCCGTCCCCAAGCAGGA
 AGTCTGGCTGGCAAATGGGGCCGCGAGAGCCGGGCTGAGAGTCTGTGAAGATGGCCC
 AGTCTTCTATCCCCACCTAAAAAGACCAAGCATTGATGCCAAGTTTTGGAAATATTCT
 GTTTTAAAAAGCAAGAGAAATTCACAACTGCAGCTTTCTAAAAAACAAAAAAAAAAAAAA
 AA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	ECoRI-NOT
ACCN:	NM_003730



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Insert Size:	1300 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003730.3.
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:	NM_003730.3 , NP_003721.2
RefSeq Size:	1298 bp
RefSeq ORF:	771 bp
Locus ID:	8635
UniProt ID:	O00584
Cytogenetics:	6q27
Domains:	ribonuclease_T2
Protein Families:	Secreted Protein
Gene Summary:	This ribonuclease gene is a novel member of the Rh/T2/S-glycoprotein class of extracellular ribonucleases. It is a single copy gene that maps to 6q27, a region associated with human malignancies and chromosomal rearrangement. [provided by RefSeq, Jul 2008]