

Product datasheet for SC111080

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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC111080 representing NM_003730. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCCCTGCAGCCCTGCGCGGGGCCCTGCTGGGCTGCCTCTGCCTGGCGTTGCTTTGCCTGGCGGT
GCGGACAAGCGCCTGCGTGACAACCATGAGTGAAAAAATAATTATGGTTCAGCACTGGCCTGAGACA
GTATGCGAGAAAATTCAAACGACTGTAGAGACCCTCCGATTACTGGACAATACATGGACTATGGCCC
GATAAAAGTGAAGGATGTAATAGATCGTGGCCCTTCAATTTAGAAGAGATTAAGGATCTTTGCCAGAA
ATGAGGGCATACTGGCCTGACGTAATTCCTCGTTTCCAATCGCAGCCGCTTCTGGAAGCATGAGTGG
GAAAAGCATGGGACCTGCGCCGCCAGGTGGATGCGCTCACTCCAGAAGAAGTACTTTGGCAGAAGC
CTGGAACCTACAGGGAGCTGGACCTCAACAGTGTGCTTCTAAAATTGGGGATAAAACCATCCATCAAT
TACTACCAAGTTGCAGATTTTAAAGATGCCCTTGCCAGAGTATATGGAGTGATACCCAAAATCCAGTGC
CTTCCACCAAGCCAGGATGAGGAAGTACAGACAATTGGTCAGATAGAAGTGTGCCTCACTAAGCAAGAC
CAGCAGCTGCAAACTGCACCGAGCCGGGGGAGCAGCCGTCACCAAGCAGGAAGTCTGGCTGGCAAT
GGGGCCGCCGAGAGCCGGGGTCTGAGAGTCTGTGAAGATGGCCAGTCTTCTATCCCCACCTAAAAAG
ACCAAGCATTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_003730
Insert Size:	771 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).
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_003730.4
RefSeq Size:	1250 bp
RefSeq ORF:	771 bp
Locus ID:	8635
UniProt ID:	O00584
Cytogenetics:	6q27
Domains:	ribonuclease_T2
Protein Families:	Secreted Protein
MW:	29.5 kDa
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]