

Product datasheet for **SC300651**

RNASEK (NM_001004333) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNASEK (NM_001004333) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNASEK
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001004333 edited CTGCGAGGGCATCCTGGGCTTTCTCCACCGCTTCCGAGCCGCTTGCACCTCGGCGAT CCCCGACTCCCTTCTTTATGGCGTCGCTCCTGTGCTGTGGCCGAAGCTGGCCGCTGCG GCATCGTCCTCAGCGCCTGGGGAGTGATCATGTTGATAATGCTCGGAATATTTTTCAATG TTCATTCCGCTGTGTTGATTGAGGACGTTCCCTTACGGGAGAAAGATTTTGAGAATGGCC CCCAGAACATATAACAACCTTTACGAGCAAGTCAGCTACAACCTGTTTCATCGCTGCAGGCC TTTACCTCCTCCTCGGAGGCTTCTTTCTGCCAAGTTCGGCTCAATAAGCGCAAGGAAT ACATGGTGCCTAGGGCCCCGGCGGCTTTCCCCGCTCCAGCCCCCTCTATTTAAAGAC TCCCTGCACCGTGTACCCAGGTCGCGTCCCACCCTTGCCGGCGCCCTCTGTGGGACTGG GTTTCCCGGGCGAGAGACTGAATCCCTTCTCCATCTCTGGCATCCGGCCCCCGTGGAGA GGGCTGAGGCTGGGGGGGCTGTTCCGTCTCCACCCTTCGCTGTGCCGTATCTCAAT AAAGAGAATCTGCTCTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_001004333
Insert Size:	650 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 insert of this clone has been fully sequenced and found to be a perfect match to NM_001004333.1.
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_001004333.1](#), [NP_001004333.1](#)

RefSeq Size: 616 bp

RefSeq ORF: 297 bp

Locus ID: 440400

UniProt ID: [Q6P5S7](#)

Cytogenetics: 17p13.1

Protein Families: Transmembrane

Gene Summary: Endoribonuclease which preferentially cleaves ApU and ApG phosphodiester bonds. Hydrolyzes UpU bonds at a lower rate.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the supported protein.