

Product datasheet for **SC204744**

RNASEH2B (NM_024570) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RNASEH2B (NM_024570) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RNASEH2B
Synonyms: AGS2; DLEU8
ACCN: NM_024570
Insert Size: 318 bp
Insert Sequence: >SC204744 3'UTR clone of NM_024570

The sequence shown below is from the reference sequence of NM_024570. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAAATAAAAAAAAAAATTGGAAAGGTTTGAACCTTTGAAAATAAAATCTAGCAAAAATATTTGCTTTTT
ACATGTTTCAGTTTGCCTTCTGACTGTTAATGACTACCTTTGGTTGGGGGAAGGAAGAGGCCAATTT
CATGTTCTCTTAAACATTTCTTTGCATTTGGTTTTTGTGTTCTGAACAAAATATGGGAAAGTGCTAA
CTTCATGGCTATGGCCTTTTGGAGTCTCATCTGACATAATGAAAAGTAATCACTTGAAGAGAATTAACA
TATAGCATCATGATTTTCTCAATAAACTGATGTGTGACAATG
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_024570.4](#)



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Summary: RNase H2 is composed of a single catalytic subunit (A) and two non-catalytic subunits (B and C) and specifically degrades the RNA of RNA:DNA hybrids. The protein encoded by this gene is the non-catalytic B subunit of RNase H2, which is thought to play a role in DNA replication. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in this gene are a cause of Aicardi-Goutieres syndrome type 2 (AGS2). [provided by RefSeq, Nov 2008]

Locus ID: 79621

MW: 12.4