

Datasheet for ABIN5519523

## TransScript® Reverse Transcriptase

### Overview

Quantity:	10000 units
Application:	cDNA Synthesis (cDNA)

### Product Details

Purpose:	TransScript® Reverse Transcriptase is a recombinant M-MLV reverse transcriptase with deficient RNase H activity.
Brand:	TransScript®
Specificity:	Deficient RNase H activity to reduce RNA template degradation during the first-strand cDNA synthesis. Anchored Oligo(dT)18 Primer for higher yield and more full length cDNA. cDNA up to 12 kb.
Components:	TransScript® Reverse Transcriptase, 5xTS RT Buffer, Anchored Oligo (dT) 18 Primer (0.5 µg/µL)
Unit Definition:	One unit of TransScript® RT incorporates 1 nmol of deoxyribonucleotide into acid-precipitable material in 10 minutes at 37°C using Poly(A)/Oligo(dT) as template/primer.

### Application Details

Application Notes:	First-strand cDNA synthesis, Multiple copy and low copy gene detection
Restrictions:	For Research Use only

### Handling

Buffer:	5xTS RT Buffer: 250 mM KCl, 15 mM MgCl <sub>2</sub> , 100 mM Tris-HCl pH 8.4
Storage:	-20 °C
Storage Comment:	at -20°C for two years

Order at [www.genomics-online.com](http://www.genomics-online.com)

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## Handling

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Expiry Date: 24 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)