

Datasheet for ABIN5519545

## TransStart® KD Plus DNA Polymerase

1 Image

### Overview

Quantity: 100 units

Application: Polymerase Chain Reaction (PCR)

### Product Details

Purpose: TransStart® KD Plus DNA Polymerase is a genetically modified high fidelity DNA polymerase.

Brand: TransStart®

Specificity: This enzyme provides higher amplification capability than traditional Pfu DNA polymerase and fast amplification speed equal to Taq DNA polymerase (1 kb/min). Due to strong 3'-5' exonuclease activity, this enzyme offers 108-fold fidelity as compared to EasyTaq® DNA Polymerase.

Characteristics:
 

- PCR products can be directly cloned into pEASY®-Blunt vectors.
- Amplification of genomic DNA fragment up to 15 kb.
- Amplification of plasmid DNA fragment up to 20 kb.

Components: DNA Polymerase, 5X Buffer, 6X DNA Loading Buffer, 50 mM MgSO<sub>2</sub>

### Application Details

Application Notes: Fast, high specificity amplification, High fidelity, high yield amplification

Restrictions: For Research Use only

### Handling

Buffer: Storage Buffer: 50 mM Tris-Cl (pH 8.0), 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, Stabilizers, 50 % glycerol.

5xTransStart® KD Plus Buffer with 20 mM MgSO<sub>4</sub>: 100 mM Tris-Cl (pH 9.2), 50 mM

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

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Handling

(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, 200 mM KCl, 5 mM MgSO<sub>4</sub>, 10 % glycerol, other.

Storage: -20 °C

Storage Comment: at -20°C for two years

Expiry Date: 24 months

## Publications

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

## Images

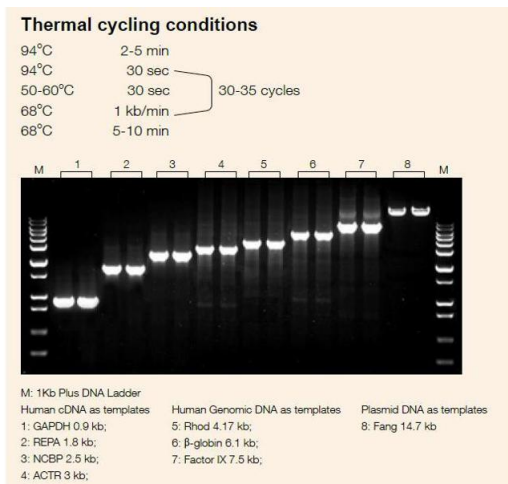


Image 1.