Uracil DNA Glycosylase (UDG/UNG) (heat-labile)

The UDG enzyme (Uracil-DNA Glycosylase) gene fragment is derived from psychrophilic marine bacteria. The UDG enzyme catalyzes the hydrolysis of the uracil base of the uracil-containing DNA strand and the N-glycosidic bond of the glycosphophosphate backbone, releasing free uracil, and the resulting base-free sites are easily broken by hydrolysis. This enzyme can act on single- or double-stranded DNA containing dUTP and is inactive against RNA. This product is sensitive to high temperature, and can irreversibly inactivate the enzyme above 50°C, and is suitable for LAMP, RT-LAMP, PCR, qPCR, RT-PCR, RT-qPCR systems

Catalog No.	518114
Size	100 units
Product Category	Isothermal Amplification
Storage/Stability	-20°C / 1 year
Shipping	Gel Packs