

Product Datasheet

Extreme Thermolabile UNG (Uracil N-Glycosylase) (orb1821420)

Catalog Number	orb1821420
Category	Tools
Description	Extreme Thermolabile UNG (UDG) is ideal for use in one-step RT-PCR systems to remove contaminations with uracil-containing DNA before onset of the reverse transcription. The enzyme is fully active at temperatures between 15 to 25°C and inactivated at 50°C. Extreme Thermolabile UNG is a recombinant uracil-DNA glycosylase from marine bacterium BMTU 3346. UNG catalyzes the hydrolysis of the N-glycosidic bond between the uracil and sugar, leaving an apyrimidinic site in uracil-containing single or double-stranded DNA. An amount of 1 unit UNG completely digests 10 ⁴ to 10 ⁶ copies of U-containing DNA fragments in 2 min at 50°C.
Form/Appearance	liquid
Concentration	1 unit/μl
Storage	store at -20 °C. avoid freeze/thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.

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