



Product Datasheet

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| Product Name | Uracil DNA Glycosilase |
| Cata No | CB500527 |
| Source | <i>Escherichia Coli strain that carries the UNG gene from E.coli</i> |
| Synonyms | Uracil DNA Glycosilase, Uracil DNA Glycosylase, UNG. |

Description

E.Coli Uracil DNA Glycosilase (UNG) catalyses the release of free Uracil from Uracil-containing DNA. UNG efficiently hydrolyzes uracil from single-stranded or double-stranded DNA, but not from oligomers (6 fewer bases).

Physical Appearance

Sterile Filtered colorless solution.

Formulation

10mM Tris-Hcl (pH-7.4 at 25°C), 50mM KCl, 1mM DTT, 0.1mM EDTA, 0.1 mg/ml BSA and 50% glycerol.

Stability

Uracil DNA Glycosilase although stable at 15°C for 1 week, should be stored desiccated below -18°C.

Please prevent freeze-thaw cycles.

Applications

Glycosilase mediated single nucleotide polymorphism detection (GMPD).

Site-directed mutagenesis.

As a probe for protein-DNA interaction studies.

Rapid and efficient cloning of PCR products.

Elimination carry-over contamination in PCR.