

Uracil DNA Glycosilase

Item Number	rAP-1135
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).
Uniprot Accession Number	
Amino Acid Sequence	
Source	Escherichia Coli strain that carries the UNG gene from E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Uracil DNA Glycosilase although stable at 15°C for 1 week, should be stored below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	UNG solution in 10mM Tris-HCl (pH-7.4 at 25°C), 50mM KCl, 1mM DTT, 0.1mM EDTA, 0.1 mg/ml BSA and 50% glycerol.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**