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32-9421: Recombinant Human dUTP Pyrophosphatase/dUTPase

Alternative Name : Deoxyuridine 5'-Triphosphate Nucleotidohydrolase Mitochondrial; dUTPase; dUTP Pyrophosphatase; DUT

Description

Source : E. coli;
Deoxyuridine 5'-Triphosphate Nucleotidohydrolase Mitochondrial (dUTPase) belongs to the dUTPase family. dUTPase exits as a homotrimer and is involved in nucleotide metabolism. dUTPase produces dUMP, the immediate precursor of thymidine nucleotides and it decreases the intracellular concentration of dUTP so that uracil cannot be incorporated into DNA. The dUTPase increase in PCR product yield, length and fidelity enables further down-stream applications. These effects make dUTPase useful in PCR fidelity and yield-sensitive applications. dUTPase is specific for dUTP and is critical for the fidelity of DNA replication and repair.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Amino Acid : Recombinant Human dUTP Pyrophosphatase is produced by our E.coli expression system and the target gene encoding Met1-Asn164 is expressed.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.