

Uridylate Kinase (SC-URA6)

Product Information

Cat#	DIA-900
Descriptions	Uridylate kinase (SC-URA6) from <i>Saccharomyces cerevisiae</i> catalyzes the ATP-dependent phosphorylation of UMP to UDP, is a key enzyme in pyrimidine nucleotide biosynthesis, and supports uridine triphosphate regeneration and nucleic acid metabolism research.
Applications	Uridylate kinase (SC-URA6) is suitable for pyrimidine nucleotide synthesis detection kits and UTP regeneration system reagent development.
CAS No.	127-4-14
Enzyme Commission Number	EC 2.7.4.14
Enzyme Source	E.coli recombinant SC-URA6 from <i>Saccharomyces cerevisiae</i>
Reaction	ATP + UMP = ADP + UDP
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of UDP from UMP and ATP at 37°C.