

Ribokinase (RbSK)

Product Information

Cat#	DIA-849
Descriptions	Ribokinase (RbSK) catalyzes the ATP-dependent phosphorylation of D-ribose to ribose-5-phosphate, participates in the pentose phosphate pathway and nucleoside salvage metabolism, and serves as an important biocatalyst for nucleotide sugar biosynthesis and ribose detection systems.
Applications	Ribokinase (RbSK) serves as a raw material for ribose metabolism detection kits and nucleotide sugar biosynthesis assay reagent development.
CAS No.	127-1-15
Enzyme Commission Number	EC 2.7.1.15
Enzyme Source	E.coli recombinant Rb SK from Escherichia coli (strain K12).
Reaction	ATP + D-ribose = ADP + D-ribose 5-phosphate
Activity Definition	Enzyme activity is defined as the amount of enzyme required to catalyze the production of D-Ribose-5-phosphate from 1MuM ATP and D-ribose per minute at 37°C.
Package	100 IU, 250 IU, 1000 IU