Active Recombinant Bacteria Phage T4 Deoxynucleoside Monophosphate Kinase

Cat. No. Dmk-1167B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Bacterial
Source	E.coli
Description	NMP kinases catalyse the phosphorylation of nucleotide monophosphates resulting in the corresponding nucleotide diphosphates by using ATP as a phosphate donor. T4 dNMP kinase is the only member of the family of NMP kinases that recognizes three structurally dissimilar nucleotides: dGMP, dTMP and 5-hydroxymethyl-dCMP (5- OH-dCMP).
Usage	For in vitro use only.
Form	Liquid. Supplied in 100 mM Tris-HCl, pH 7.5, 10 mM MgCl2 and 50 % glycerol.
Activity	One unit of enzyme catalyses the phosphorylation of 1 nmol dGMP to dGDP per minute at 37℃. Specific activity: 100u/μg.
Purity	> 95% by SDS-PAGE.
Storage	Quality guaranteed for 12 months, store at -20℃. Avoid freeze / thaw cycles.

GENE INFORMATION

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Gene Name	DMK deoxynucleoside monophosphate kinase [Enterobacteria phage T4]
Synonyms	Dmk; deoxynucleoside monophosphate kinase
Gene ID	1258557
Protein Refseq	NP_049752

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