

## Nucleoside Diphosphate Kinase E.Coli Recombinant

<b>Item Number</b>	rAP-1676
<b>Synonyms</b>	Nucleoside diphosphate kinase, NDK, NDP kinase, Nucleoside-2-P kinase, b2518, JW2502.
<b>Description</b>	NDK E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (1-143 a.a.) and having a molecular mass of 18kDa.NDK is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P0A763
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMAIERT FSIIKPNAVA KNVIGNIFAR FEAAGFKIVG TKMLHL-TVEQ ARGFYAEHDG KPFFDGLVEF MTSGPIVVSV LEGENAVQRH RDLLGATNPA NALAGTLRAD YADSLTENGT HGSDSVESAA REIAYFFGEG EVCPRTR.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	NDK protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**