

Product datasheet for **AR50249PU-N**

ndk (1-143, His-tag) Escherichia coli Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ndk (1-143, His-tag) recombinant protein, 0.5 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMAIERT FSIKPNVA KNVIGNIFAR FEAAGFKIVG TKMLHLTVEQ ARGFYAEHDG KPFFDGLVEF MTSGPIVSV LEGENAVQRH RDLLGATNPA NALAGTLRAD YADSLTENG T HGSDSVESAA REIAYFFGEG EVCPRTR
Tag:	His-tag
Predicted MW:	18.0 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant E. coli ndk protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	ndk, also known as Nucleoside diphosphate kinase, is an enzyme that catalyzes the exchange of phosphate groups between different nucleoside diphosphates. This protein activity maintains an equilibrium between the concentrations of different nucleoside triphosphates such as, for example, when GTP produced in the citric acid (Krebs) cycle is converted to ATP.



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