

## Kanamycin kinase type II/NEO protein, *Klebsiella pneumoniae*

<b>Cat. No.:</b>	HY-P70228
<b>Synonyms:</b>	rKIAminoglycoside 3'-phosphotransferase; Aminoglycoside 3'-phosphotransferase; APH(3')-II; APH(3')II; Kanamycin kinase type II; Neomycin-kanamycin phosphotransferase type II; neo
<b>Species:</b>	Others
<b>Source:</b>	E. coli
<b>Accession:</b>	P00552 (M1-F264)
<b>Gene ID:</b>	59690385
<b>Molecular Weight:</b>	28-30 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> M I E Q D G L H A G   S P A A W V E R L F   G Y D W A Q Q T I G   C S D A A V F R L S A Q G R P V L F V K   T D L S G A L N E L   Q D E A A R L S W L   A T T G V P C A A V L D V V T E A G R D   W L L L G E V P G Q   D L L S S H L A P A   E K V S I M A D A M R R L H T L D P A T   C P F D H Q A K H R   I E R A R T R M E A   G L V D Q D D L D E E H Q G L A P A E L   F A R L K A R M P D   G E D L V V T H G D   A C L P N I M V E N G R F S G F I D C G   R L G V A D R Y Q D   I A L A T R D I A E   E L G G E W A D R F L V L Y G I A A P D   S Q R I A F Y R L L   D E F F </pre>
<b>Biological Activity</b>	Data is not available.
<b>Appearance</b>	Solution
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, 20% Glycerol, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	N/A
<b>Storage &amp; Stability</b>	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Shipping with dry ice.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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