

## 32-9236: Recombinant Human NAD Kinase/NADK (N-6His)

**Alternative Name :** NAD Kinase, Poly(P)/ATP NAD Kinase, NADK

### Description

Source : E. coli;

NAD Kinase (NADK) is an enzyme that belongs to the NAD Kinase family. It is a widely expressed enzyme, but it is not detected in skeletal muscle. NADK converts Nicotinamide Adenine Dinucleotide (NAD<sup>+</sup>) into NADP<sup>+</sup>, through phosphorylating the NAD<sup>+</sup> coenzyme. NADP<sup>+</sup> is an essential coenzyme in metabolism and provides reducing power to biosynthetic processes such as fatty acid biosynthesis. The structure of the NADK from the archaean *Archaeoglobus fulgidus* has been determined.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 50mM TrisHCl, 150mM NaCl, 1mM DTT, pH 7.5.

**Amino Acid :** Recombinant Human NAD Kinase is produced by our E.coli expression system and the target gene encoding Ser64-Gly446 is expressed with a 6His tag at the N-terminus.