

# NAD kinase 2, chloroplastic (NADK2), Recombinant Protein

Cat      RP05187

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## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana NAD kinase 2, chloroplastic (NADK2) , partial

## Product Gene Name

NADK2 recombinant protein

## Product Synonym Gene Name

NADK2

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

109,188 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

NAD kinase

## NCBI Accession #

NP\_564145.1

## NCBI GI #

18395013

## NCBI GenBank Nucleotide #

NM\_102013.5

## NCBI GeneID

838766

## NCBI Official Full Name

NAD kinase 2

## NCBI Official Symbol

NADK2

## NCBI Official Synonym Symbols

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# NAD kinase 2, chloroplastic (NADK2), Recombinant Protein

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ATNADK2; F8K7.5; F8K7\_5; NAD kinase 2; NAD KINASE 2

## NCBI Protein Information

NAD kinase 2

## NCBI Summary

Encodes a protein with NAD kinase activity. The protein was also shown to bind calmodulin.

## UniProt Gene Name

NADK2

## UniProt Synonym Gene Names

AtNADK-2

## UniProt Protein Name

NAD kinase 2, chloroplastic

## UniProt Primary Accession #

Q9C5W3

## UniProt Secondary Accession #

Q9XI15

## UniProt Related Accession #

Q9C5W3

## UniProt Comments

Involved in chlorophyll synthesis and chloroplast protection against oxidative damage.

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