

NAD kinase 2, chloroplastic (NADK2), Recombinant Protein

Cat RP05187

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 GenelD

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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