

Recombinant Mouse Nmrk1 Protein, Myc/DDK-tagged

Cat. No. Nmrk1-4446M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nicotinamide riboside kinase 1 (Nmrk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN).
Molecular Mass	22.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Nmrk1 nicotinamide riboside kinase 1 [Mus musculus (house mouse)]
Official Symbol	Nmrk1
Synonyms	Nmrk1; nicotinamide riboside kinase 1; NrK1; AA408380; D630020N23Rik; nicotinamide riboside kinase 1; NRK 1; RNK 1; nicotinic acid riboside kinase 1; nmR-K 1; ribosylnicotinamide kinase 1; ribosylnicotinic acid kinase 1; EC 2.7.1.173; EC 2.7.1.22
Gene ID	225994
mRNA Refseq	NM_145497
Protein Refseq	NP_663472
UniProt ID	Q91W63

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