

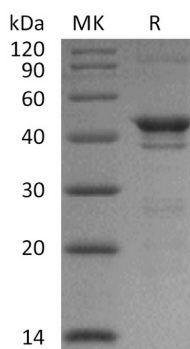
Product Name: Recombinant Human NADK (N-6His)
Catalog #: PEH1188



概述 (Summary)

英文全称	NAD kinase/NADK
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	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.
Accession #	AAH01709.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	44.4 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20 mM His-HCl, 5% Sucrose, 10% Glycerol, 150 mM NaCl, 0.02%Tween80, 1 mM DTT, pH3.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤ -70°C, stable for 6 months after receipt. Store at ≤ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

NAD Kinase; Poly(P)/ATP NAD Kinase; NADK

背景介绍 (References)

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⁺) into NADP⁺, through phosphorylating the NAD⁺ coenzyme. NADP⁺ 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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.