

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

NMNAT1, 115-270aa, Human, His tag, E.coli

产品货号: TP03176

第三版

别名:NMNAT, PNAT1

描述:NMNAT1, also known as NMNAT or PNAT1, is a central enzyme in NAD biosynthesis, catalyzing the condensation of nicotinamide mononucleotide (NMN) or nicotinic acid mononucleotide (NaMN) with the AMP moiety of ATP to form NAD or NaAD. It is widely expressed with high levels in skeletal muscle, heart, liver and kidney. This protein appears to have the ability to protect against axonal degeneration following mechanical or toxic insults. Recombinant human NMNAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT. 1mM EDTA

分子量:36.0 kDa (315aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGS MENSEKTEVLLACGSFNPITNMHLRFLAKDYMNGT
GRYTVVKGII SPVGDAYKKKGLIPAYHRVIMAE LTKNSKWVEVDTWESLQKEWKETLKVLRHHQEKLEASDCDHQQN
SPTLERPGRKRKWTETQDSSQKKSLEPKTKAVPKVKLLCGADLLESFAV PNLWKSEDITQIVANYGLICVTRAGNDAQKFI
YESDVLWKHRSNIHV VNEWIANDISSTKIRRALRRGQSIRYLVPDLVQEYIEKHNLYSSESEDRNAGVILAPLQRNTAEAK

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.