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NMNAT2, 1-307 aa, Human, His tag, E.coli

产品货号: TP03177

第三版

别名: nicotinamide mononucleotide adenylyltransferase 2, C1orf15, PNAT2

描述: NMNAT2 belongs to the nicotinamide mononucleotide adenylyltransferase (NMNAT) enzyme family, members of which catalyze an essential step in NAD (NADP) biosynthetic pathway. Unlike the other human family member, which is localized to the nucleus, and is ubiquitously expressed; this enzyme is cytoplasmic, and is predominantly expressed in the brain. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human NMNAT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 36.6 kDa (327aa)

序列:

MGSSHHHHHSSGLVPRGSHMTETTKTHVILLACGSFNPITKGHIQMFERARDYLHKTGRFVIGGIVSPVHDSYGKQGL  
VSSRHRLIMCQLAVQNSDWIRVDPWECYQDTWQTTCSVLEHHRDLMKRVTGCILSNVNTPSMTPVIGQPQNETPQPIY  
QNSNVATKPTAAKILGKVGESLSRICCVRPPVERFTFVDENANLGTVMRYEEIELRILLCGSDLLESFCIPGLWNEADMEVI  
VGDFGIVVPRDAADTDRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKSRLALQHGDGHVVDYLSQPVIDYILKSQ  
L  
YINASG

纯度: > 95% by HPLC

浓度: 0.25mg/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.