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NAGK, 1-344aa, Human, His tag, E.coli

产品货号: TP03084

第三版

别名:N-acetyl-D-glucosamine kinase, GNK, HSA242910, GlcNAc kinase.

描述:NAGK (N-acetyl-D-glucosamine kinase) belongs to the eukaryotic-type N-acetylglucosamine kinase family. NAGK converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate. It is a prominent salvage enzyme of amino sugar metabolism in mammals. NAGK has been shown to interact with STK16 and LNX1.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl

分子量:39.8kDa (367aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSM AAIYGGVEGGGTRSEVLLVSEDGKILAEADGLSTNHWLIGTDKCVERINEMVNR
AKRKAGVDPLVPLRSLGLSLSGGDQEDAGRILIEELRDRFPYLSESYLITDAAGSIATATPDGGVVLISGTGSGNCRLINPDGS
ESGCGGWGHMMGDEGSAYWIAHQAVKIVFDSIDNLEAAPHDIGYVKQAMFHYFQVPDRLGILTHLYRDFDKCRFAGFC
RKIAEGAQQGDPLSRYIFRKAGEMLRHIVAVLPEIDPVLFGQKIGLPILCVGVS VWKSWELLKEGFLLALTQGREIQAQNFF
SSFTLMKLRHSSALGGASLGARHIGHLLPMDYSANAIAFYSYTFS

纯度:> 95% by HPLC

浓度:1mg/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.