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Riboflavin kinase, 1-162 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03740

第三版

别名: RIFK, RP11-422N19.2, RFK

描述: Riboflavin kinase, also known as flavokinase, belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. It is an enzyme that catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin-mononucleotide (FMN). Recombinant riboflavin kinase was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

分子量: 20.5 kDa (182 aa)

序列:

MGSSHHHHHHSSGLVPRGSHMPRADCIMRHLPYFCRGQVVRGFGRGSKQLGIPTANFPEQVVDNLPADISTGIYYGWAS
VGSGDVHKMVVSIGWNPYYKNTKKSMETHIMHTFKEDFYGEILNVAIVGYLRPEKNFDSLESLSIAIQGDIEEAKRLELPE
HLKIKEDNFFQVSKSKIMNGH

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.