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APRT, 1-180aa, Human, E.coli

产品货号: TP01203

第三版

别名: Adenine phosphoribosyltransferase, AMP.

描述: APRT (adenine phosphoribosyltransferase) is a 180 amino acid protein that localizes to the cytoplasm and belongs to the purine/pyrimidine phosphoribosyltransferase family. Existing as a homodimer, APRT functions to catalyze the formation of inorganic pyrophosphate and AMP from adenine and 5-phosphoribosyl-1-pyrophosphate (PRPP), a reaction that is essential for both purine metabolism and AMP biosynthesis.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

分子量: 19.6 kDa (180aa)

序列:

MADSELQLVEQIRISFPDFPTPGVVFRDISPVLKDPASFRAAIGLLARHLKATHGGRIDYIAGLDSRGFLFGPSLAQELGLGC
VLIRKRGKLPGPTLWASYSLEYGKAELEIQKDALEPGQRVVVDDLLATGGTMNAACELLGRLQAEVLECVSLVELTSLKG
REKLAPVPPFSLLQYE

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.