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HPRT1, 1-218aa, Human, His tag, E.coli

产品货号: TP02497

第三版

别名:Hypoxanthine-guanine phosphoribosyltransferase, HGPRT, HGPRTase, HPRT

描述:Hypoxanthine-guanine phosphoribosyltransferase, also known as HPRT1 has a central role in the generation of purine nucleotides through the purine salvage pathway. The enzyme primarily functions to salvage purines from degraded DNA to renewed purine synthesis. In this role, it acts as a catalyst in the reaction between guanine and phosphoribosyl pyrophosphate to form GMP.

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

分子量:26.7 kDa (238aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMATRSPGVVISDDEPGYDLDFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGG
HHIVALCVLKGKGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSVCNDQSTGDIKVIIGDDLSTLTGKNVLIVEDIIDTGK
TMQTLLSLVRQYNPKMVKVASLLVKRTPRSVGYKPDFVGFVGYALDYNEYFRDLNHVCVISETGKAKYKA

纯度:> 95% by HPLC

浓度:0.5mg/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.