

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Hpgd, 1-269aa, Mouse, His tagged, E.coli

产品货号: TP02493

第三版

别名:15-Hydroxyprostaglandin dehydrogenase [NAD (+)], 15-PGDH, AV026552

**描述:**Hpgd, also known as Hydroxyprostaglandin dehydrogenase, is a member of the short-chain dehydrogenases/reductases family. It metabolizes prostaglandins (PGs) to render them. Prostaglandins (PGs) play a crucial role in mediating parturition events, and their synthesis and metabolism are regulated by PGH synthase and 15-hydroxy-PG dehydrogenase (PGDH), respectively. Hpgd, a COX-2 oncogene antagonist, is a TGF-beta-induced suppressor of human gastrointestinal cancers. Recombinant mouse Hpgd 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 (pH 8.0) containing 30% glycerol

**分子量:**31.6kDa (292aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMHVNGKVALVTGAAQGIGKAFEAALLHGAKVALVDWNLEAGVKCKAALDEQF  
EPQKTLFVQCDVADQKQLRDTFRKVVDFHGRDLILVNNAGVNNNEKNWEQTLQINLVSVISGTYLGLDYMSKQNGGEG  
GIIINMSSLAGLMPVAQQPVYCASKHGIIGFTRSAAMAANLMKSGVRLNVICPGFVDTPILESIEKEENMGQYIEYKDQIKA  
MMKFYGVLPSTIANGLINLIEDDALNGAIMKITASKGIHFQDYDISPLLVKAPLTS

**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Absorbance at 280nm)

**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.