



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, 1-266aa, Human, His tag, E.coli

产品货号: TP02492

第三版

别名:15-hydroxyprostaglandin dehydrogenase [NAD+], 15-PGDH, PGDH, PGDH1, SDR36C1, Prostaglandin dehydrogenase 1

描述:HPGD, also known as 15-PGDH, is the fundamental enzyme of prostaglandin degradation. This protein strongly reduces the biologic activity of these molecules by catalyzing the oxidation of the 15-hydroxyl group of prostaglandins to a keto group. HPGD is implicated in many physiologic and cellular processes, such as inflammation. Recombinant human HPGD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

分子量:31.1 (286aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMHVNGKVALVTGAAQGIGRAFAEALLLKAKVALVDWNLEAGVQCKAALDEQFEPQ
KTLFIQCDVADQQQLRDTFRKVVDHFGRLDILVNNAGVNNEKNWEKTLQINLVSVISGTYLGLDYMSKQNGGEGGIIIN
MSSLAGLMPVAQQPVYCASKHGIVGFTRSAALANLMNSGVRLNAICPGFVNTAILESIEKEENMGQYIEYKDHIDMIK
YYGILDPPLIANGLITLIEDDALNGAIMKITTSGIHFQDYDTTPFQAKTQ

纯度:> 95% by HPLC

浓度:0.5 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.