

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。

HPGDS, 1-199aa, Human, His tag, E.coli

产品货号: TP02494

第三版

别名:Hematopoietic prostaglandin D synthase, GSTS, PGDS.

描述:HPGDS, also known as GSTS, is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH₂ to PGD₂ and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. Recombinant human HPGDS 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 10% glycerol 0.15M NaCl,1mM DTT

分子量:25.9 kDa (223aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMPNYKLTYNMRGRAEIIIRYIFAYLDIQYEDHRIEQADWPEIKSTLPFGKIPILEVD
GLTLHQSLAIARYLTKNTDLAGNTEMEQCHVDAIVDTLDDFMSCFPWAEKKQDVKEQMFNELLTYNAPHLMQDLDTYL
GGREWLIGNSVTWADFYWEICSTLLVFKPDLLDNHPRLVTLRKKVQAIPAVANWIKRRPQTKL

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.