

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。

PTGR1, 1-329aa, Human, His tag, E.coli,

产品货号: TP03589

第三版

别名: prostaglandin reductase 1, LTB4DH, PGR1, ZADH3.

描述: PTGR1, also known as LTB4DH, belongs to the NADP-dependent oxidoreductase L4BD family. This enzyme catalyzes the conversion of leukotriene B4 into its biologically less active metabolite, 12-oxo-leukotriene B4. This is an initial and key step of metabolic inactivation of leukotriene B4. It is highly expressed in the kidney, liver, and intestine but not in leukocytes.

配方: Liquid. In 20 mM Tris-HCl buffer, pH7.5, 10% glycerol, 1mM DTT, 200mM NaCl

分子量: 38.6kDa (354aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHSSGLVPRGSHMGSEFMVRTKTWTLKHKHFGYPTNSDFELKTAELPPLKNGEVLLEALFLTVDPYMRVAA  
KRLKEGDTMMGQQVAKVVESKNVALPKGTIVLSPGWTTTHSISDGKDLEKLLTEWPDTIPLSLALGTVGMPGLTAYFGLL  
EICGVKGGETVMVNAAAGAVGSVVGQIAKLGCKVVGAVGSDEKVAYLQKLGFDVVFNYKTVESLEETLKKASPDGYD  
CYFDNVGGFESNTVIGQMKKFGRIAICGAISTYNRTGPLPPGPPPEIVYQELRMEAFVYRWQGDARQKALKDLLKWVL  
EGKIQYKEYIIEGFENMPAAFMGMLKGDNLGKTIVKA
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纯度: > 95% by HPLC

浓度: 0.5mg/ml

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.