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PTGDS, 23-190aa, Human, His tag, E.coli

产品货号: TP03587

第三版

别名: Prostaglandin-H2 D-isomerase, L-PGDS, LPGDS, PDS, PGD2, PGDS, PGDS2

描述: Prostaglandin-H2 D-isomerase, also known as PTGDS, is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H2 (PGH2) to prostaglandin D2 (PGD2). It is likely to play important roles in both maturation and maintenance of the central nervous system and male reproductive system. PTGDS is the most abundant protein in the cerebral spinal fluid and recent evidence suggests that PTGDS acts as a beta-amyloid chaperone and may have a role in the deposition of Ab plaques in Alzheimer's disease.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 1mM EDTA, 0.1M NaCl

分子量: 20.9 kDa (189aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAPEAQVSVQPNFQQDKFLGRWFSA GLASNSSWLREKKAALSMCKSVVAPATDGGLN
LTSTFLRKNQCETRTMLLPAGSLGYSYRSPHWGSTYSVSVVETDYDQYALLYSQSGKPGEDFRMATLYSRTQT PRAEL
KEKFTAFCKAQGFTEDTIVFLPQTDKCMTEQ

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.