

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。

GPD1L, 1-351aa, Human, His tag, E.coli

产品货号: TP02316

第三版

别名:Glycerol-3-phosphate dehydrogenase 1-like protein, GPD1-L.

描述:GPD1L, also known as glycerol-3-phosphate dehydrogenase 1-like protein, converts sn-glycerol 3- phosphate to glycerone phosphate. This protein is found in the cytoplasm, associated with the plasma membrane, where it binds the sodium channel, voltage-gated, type V, alpha subunit (SCN5A). Mutations in GPD1L are the cause of sudden infant death syndrome (SIDS) and Brugada syndrome type 2, an autosomal dominant tachyarrhythmia.

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

分子量:40.6 kDa (371aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMAAAPLKVCIVGSGNWGS AVAKIIGNNVKKLQKFASTVKMWVFEETVNGRKLTDIINN  
DHENVKYLPGHKLPENNVVAMSNLSEAVQDADLLVFVIPHQFIHRICDEITGRVPPKALGITLIKIGIDEGPEGLKLISDIIREK  
MGIDISVLMGANIANEVAAEKFCETTIGSKVMENGLLFKELLQTPNFRTVVDDADTVELCGALKNIVAVGAGFCDGLRC  
GDNTKAAVIRLGLMEMIAFARIFCKGQVSTATFLESCGVADLITTCYGGRRNRVAEAFARTGKTIEELEKEMLNQKQLQG  
PQTSAEVYRILKQKGLLDKFPLFTAVYQICYESRPVQEMLSCLQSHPEHT
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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.