

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。

GPI, 1- 558 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02317

第三版

别名:GPI, AMF, GNPI, NLK, PGI, PHI, SA36

描述:Glucose-6-phosphate isomerase, also known as GPI, belongs to the GPI family whose members encode multifunctional phosphoglucose isomerase proteins involved in energy pathways. The protein encoded by this gene is a dimeric enzyme that catalyzes the reversible isomerization of glucose-6-phosphate and fructose-6-phosphate. Mammalian GPI can function as a tumor-secreted cytokine and an angiogenic factor (AMF) that stimulates endothelial cell motility.

配方:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

分子量:65.3 kDa (578aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMAALTRDPQFQKLQQWYREHRSELNLRRLFDANKDRFNHFSLTLNTNHGHILVDYSKN  
LVTEDVMRMLVDLAKSRGVEAARERMFNGEKINYTEGRAVLHVALRNRNTPILVDGKDVMPENVKVLDMKMSFCQR  
VRSGDWKGYTGKTITDVINIGIGGSDLGPLMVTEALKPYSGGPRVWYVSNIDGTHIAKTLAQLNPESLFIASKTFTTQET  
ITNAETAKEWFLQAAKDPSAVAKHFVALSTNTTKVKEFGIDPQNMFEFWDWVGGRYSLWSAIGLSIALHVGFDFNFEQLLS  
GAHWMDQHFRTPLEKNAPVLLALLGIWYINCFGCETHAMLPYDQYLHRFAAYFQQGDMESNGKYITKSGTRVDHQT  
GPIVWGEPGTNGQHAFYQLIHQGTKMIPCDFLIPVQTQHPHPIRKLHLLKILLANFLAQTEALMRGKSTEEARKELQAAGKS  
PEDLERLLPHKVFEGNRPTNSIVFTKLTPEMLGALVAMYEHKIFVQGIIWDINSFDQWGVELGKQLAKKIEPELDGSAQVT  
SHDASTNGLINFIKQQREARVQ
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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.