

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。

PFKM, 1-780 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03365

第三版

别名:6-Phosphofructokinase, muscle type, GSD7, PFK-1, PFK1, PFKA, PFKX

描述:PFKM is regulatory glycolytic enzymes that convert fructose 6-phosphate and ATP into fructose 1,6- biphosphate (through PFK-1), fructose 2,6-biphosphate (through PFK-2) and ADP. Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 5mM DTT 0.2 M NaCl, and 20% glycerol

分子量:87.3 kDa (800aa)

序列:

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MGSSHHHHHSSGLVPRGSHMTHEEHHAAKTLGIGKAIIVLTSGGDAQGMNAAVRAVVRVGIFTGARVFFVHEGYQ
GLVDGGDHIKEATWESVSMMLQLGGTVIGSARCKDFREREGRLRAAYNLVKGITNLCVIGGDGSLTGADTFRSEWSDL
LSDLQKAGKITDEEATKSSYLNIVGLVGSIDNDFCGTDMTIGTDSALHRIMEIVDAITTTAQSHQRTFVLEVMGRHCGYLA
LVTSLSCGADWVFIPECPPDDDWEHLCRRLSETRTRGSRLNIIVAEGAIDKNGKPITSEDIKNLVKRLGYDTRVTVLGH
VQRGGTPSAFDRILGSRMGVEAVMALLEGTPDTPACVVSLSGNQAVRLPLMECVQVTKDVTKAMDEKKFDEALKLRGR
SFMNNWEVYKLLAHVRRPPVSKSGSHTVAVMNVGAPAAAGMNAAVRSTVRIGLIQGNRVLVVDHGFELAKGQIEEAGW
SYVGGWTGQGGSKLGTKRTLPKKSFEQISANITKFNIQGLVIIGGFEAYTGGLELMEGRKQFDELCPFVVIPATVSNVPG
SDFSVGADTALNTICTTCDRIKQSAAGTKRRVFIETMGGYCYLATMAGLAAGADAAYIFEFPFTIRDQLQANVEHLVQK
MKTTVKRGLVLRNEKCNENYTTDFIFNLYSEEGKGFDSRKNVLGHMQGGSPFPDRNFATKMGAKAMNWMMSGKIKE
SYRNGRIFANTPDSGCVLGMKRKRALVFQPV AELKDQTD FEHRIPKEQWWLKL RPILKILAKYEIDLDTSDHAHLEHITRKR
SGEAAV
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纯度:> 95% by HPLC

浓度:0.5 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.