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PYGL, 1-847aa, Human, His tag, E.coli

产品货号: TP03610

第三版

别名:Glycogen phosphorylase, liver form isoform 1, GSD6

描述:PYGL also known as Glycogen phosphorylase, switches from inactive phosphorylase B to active phosphorylase A by phosphorylation of serine residue 15. Activity of this enzyme is further regulated by multiple allosteric effectors and hormonal controls. The liver isozyme serves the glycemic demands of the body in general while the brain and muscle isozymes supply just those tissues. Recombinant human PYGL, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT.

分子量:100.7kDa (879aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSEFELRRQASMAKPLTDQEKRRQISIRGIVGVENVAELKKSFNRLHFTLVKDRNVA  
TTRDYFALAHTVRDHLVGRWIRTQQHYDCKPKRVYYLSLEFYMGRTLQNTMINLGLQNACDEAIYQLGLDIEELEIE  
EDAGLNGGGLGRLAACFLDSMATLGLAAYGYGIRYEGIFNQKIRDGWQVEEADDWLRYGNPWEKSRPEFMLPVHFG  
KVEHTNTGTKWIDTQVVLALPYDTPVPGYMNNTVNTMRLWSARAPNDFNLRDFNVGDYIQAVLDRNLAENISRVLYPN  
DNFFEGKELRLKQEYFVVAATLQDIIRRFKASKFGSTRGAGTVFDAPDQVAIQLNTHPALAIPELMRIFVDIEKLPWSKA  
WELTQKTFAYTNHTVLPEALERWPVDLVEKLLPRHLEIIEINQKHLDRIVALFPKDVDRLRMSLIEEEGSKRINMAHLCI  
VGSHAVNGVAKIHSDIVKTKVFKDFSELEPKFQNKTNGITPRRWLLCNPLAELIAEKIGEDYVKDLSQLTKLHSFLGD  
DVFLRELAKVKQENKLFQSFLETEYKVKINPSSMFDVQVKRIHEYKRQLLNCLHVITMYNRIKKDPKLFVPRTVIIGGKA  
APGYHMAKMIIKLITSVADVNNNDPMVGSKLKVFLENYRVS LAEKVIPATDLSEQISTAGTEASGTGNMKFMLNGALTIG  
TMDGANVEMAEAGEENLFI FGMRIDDVAALDKKGYEAKYEAALPELKLVIDQIDNGFFSPKQPD LFKDIINMLFYHDFR  
KVFADYEAYVKCQDKVSQLYMNPKAWNTMVLKNIAASGKFSSDRTIKEYAQNIWNVPEPSDLKISLSNESNKVNGN
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纯度:> 95% by HPLC

浓度:0.25mg/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.