

Datasheet for ABIN5710195
PYGL Protein (AA 2-846, partial) (GST tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PYGL
Protein Characteristics:	AA 2-846, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PYGL protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>AKPLTDQEKR RQISIRGIVG VENVAELKKS FNRHLHFTLV KDRNVATTRD YFALAHTVR DHLVGRWIRT QQHYDYKCPK RVYYLSLEFY MGRTLQNTMI NLGLQNACDE AIYQLGLDIE ELEEEIEDAG LGNGGLGRLA ACFLDSMATL GLAAYGYGIR YEYGFNQKI RDGWQVEEAD DWLRYGNPWE KSRPEFMLPV HFYGVKVEHTN TGTKWIDTQV VLALPYDTPV PGYMNNTVNT MRLWSARAPN DFNLRDFNVG DYIQAVLDRN LAENISRVLY PNDNFFEGKE LRLKQEYFVV AATLQDIIRR FKASKFGSTR GAGTVDAFP DQVAIQLNDT HPALAIPELM RIFVDIEKLP WSKAWELTQK TFAYTNHTVL PEALERWPVD LVEKLLPRHL EIIYEINQKH LDRIVALFPK DVDRLRRMSL IEEEGSKRIN MAHLCIVGSH AVNGVAKIHS DIVKTKVFKD FSELEPKFKQ NKTNGITPRR WLLLCNPGLA ELIAEKIGED YVKDLSQLTK LHSFLGDDVF LRELAKVKQE NKLKFSQFLE TEYKVKINPS SMFDVQVKRI HEYKRQLLNC LHVITMYNRI KKDPKCLFVP RTVIIGGKAA PGYHMAKMII KLITSVADV VV NNDPMVGSKL KVIFLENYRV SLAEKVIPAT DLSEQISTAG TEASGTGNMK FMLNGALTIG TMDGANVEMA EEAGEENLFI FGMRIDDVAA</p>
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Product Details

LDKKGYEAKE YYEALPELKL VIDQIDNGFF SPKQPDFLFD IINMLFYHDR FKVFADYEAY
VKCQDKVSQL YMNPKAWNTM VLKNIAASGK FSSDRTIKEY AQNIWNVEPS DLKISLSNES
NKVNG

Purification: SDS-PAGE

Purity: > 90 %

Target Details

Target: PYGL

Alternative Name: PYGL ([PYGL Products](#))

Background: Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

Molecular Weight: 124.2 kDa

UniProt: [P06737](#)

Pathways: [Carbohydrate Homeostasis](#), [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

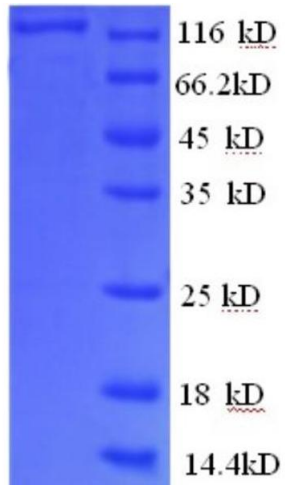
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.