

# Recombinant Human BPGM protein ab95344

## 1 图像

### 描述

产品名称	重组人BPGM蛋白
纯度	> 95 % SDS-PAGE. ab95344 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MSKYKLIMLR HEGAWNKEN RFCSWVDQKL NSEGMEEARN CGKQLKALNF EFDLVFTSVL NRSIHTAWLI LEELGQEWVP VESSWRLNER HYGALIGLNR EQMALNHGEE QVRLWRRSYN VTPPPIEESH PYYQEIYNDR RYKVC DVPLD QLPRSESLKD VLERLLPYWN ERIAPEVLRG KILISAHGN SSRALLKHLE GISDEDIINI TLPTGVPILL ELDENLRAVG PHQFLGDQEA IQAAIKKVED QGKVKQAKKL EHHHHHH

### 技术指标

Our **Abpromise guarantee** covers the use of **ab95344** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
形式	Liquid

### 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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## 常规信息

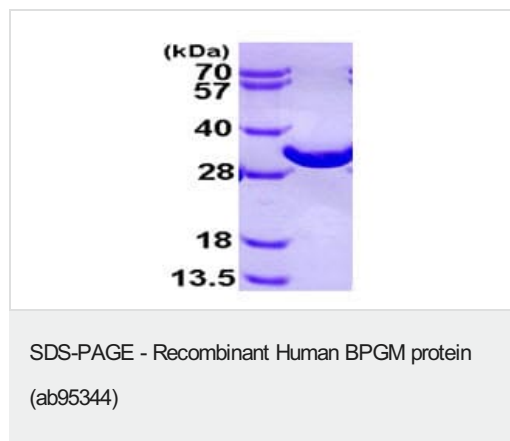
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<b>功能</b>	Plays a major role in regulating hemoglobin oxygen affinity by controlling the levels of 2,3-bisphosphoglycerate (2,3-BPG). Also exhibits mutase (EC 5.4.2.1) and phosphatase (EC 3.1.3.13) activities.
<b>疾病相关</b>	Defects in BPGM are the cause of bisphosphoglycerate mutase deficiency (BPGMD) [MIM:222800]. A disease characterized by hemolytic anemia, splenomegaly, cholelithiasis and cholecystitis.
<b>序列相似性</b>	Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.
<b>翻译后修饰</b>	Glycation of Lys-159 in diabetic patients inactivates the enzyme.

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## 图片

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15% SDS-PAGE showing ab95344 at approximately 31kDa (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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