

Recombinant Human PGK1 protein ab199590

描述	
产品名称	重组人PGK1蛋白
纯度	> 95 % SDS-PAGE. Determined by SEC-HPLC and reducing SDS-PAGE.
内毒素水平	< 0.100 Eu/μg
表达系统	HEK 293 cells
Accession	<u>P00558</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	GKDASGNKVKAEPAKIEAFRASLSKLGDVYVNDAFGTAHRAH SSMVGVNL PQKAGGFLMKKELNYFAKALESERPFLAILGGAKVADKIQ INNMLDKV NEMIIGGGMAFTFLKVLNNMEIGTSLFDEEGAKIVKDLMSKA EKNGVKIT LPVDFVTADKFDENAKTGQATVASGIPAGWMGLDCGPESKK YAEAVTRA KQIVWNGPVGVFWEAFARGTKALMDEVVKATSRGCITIIGG GDTATCCA KWNTEDKVSHVSTGGGASLELLEGGVLPGVDALSNILDHHHH HH
预测分子量	46 kDa including tags
氨基酸	2 to 417
标签	His tag C-Terminus
额外的序列信息	This product is for the mature full length protein. The initiator methionine is not included.

技术指标	
Our Abpromise guarantee covers the use of ab199590 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

	HPLC
形式	Liquid
制备和贮存	
稳定性和存储	<p>Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 8</p> <p>Constituent: 100% PBS</p> <p>Supplied as a 0.2 µm filtered solution</p>
常规信息	
功能	In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein).
通路	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 2/5.
疾病相关	Defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D) [MIM:300653]. It is a condition with a highly variable clinical phenotype that includes hemolytic anemia, rhabdomyolysis, myopathy and neurologic involvement. Patients can express one or more of these manifestations.
序列相似性	Belongs to the phosphoglycerate kinase family.
细胞定位	Cytoplasm.

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

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