

Recombinant Mouse PGK1 protein ab201713

1 图像

描述

产品名称	重组小鼠PGK1蛋白
纯度	> 90 % SDS-PAGE. ab201713 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P09411</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	<pre> MGSSHHHHHH SSGLVPRGSH MGSHM SLSNK LTLDKLDVKG KRVMRVDFN VPMKNNQITN NQRIKAAVPS IKFCLDNGAK SVVLM SHLGR PDGVPMPDKY SLEPVA AELK SLLGKDV LFL KDCVGPEVEN ACANPAAGTV ILLENLRFHV EEEGKGKDAS GNKVKAEPAK IDAFRASLSK LGDVYVND AF GTAHRAHSSM VGVNLPQKAG GFLMKKELNY FAKALES PER PFLAILGGAK VADKIQ LINN MLDKVNEMII GGGMAFTFLK VLNNMEIGTS LYDEEGAKIV KDLMSKA EKN GVKITLPVDF VTADKFDENA KTGQATVASG IPAGWMGLDC GTESSKKYAE AVGRAKQIVW NGPVGVFWE AFARGTKSLM DEVVKATSRG CITIIIGGGDT ATCCA KW NTE DKVSHVSTGG GASLELLE GK VLP GVDALSN V </pre>
预测分子量	47 kDa including tags
氨基酸	1 to 417
标签	His tag N-Terminus
额外的序列信息	NP_032854.

技术指标

Our **Abpromise guarantee** covers the use of **ab201713** 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
质谱法	MALDI-TOF
形式	Liquid

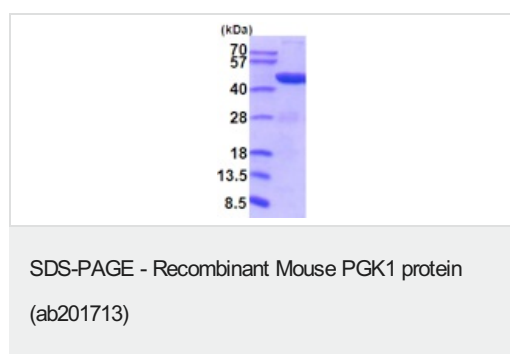
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 89% PBS, 10% Glycerol (glycerin, glycerine), 0.02% DTT
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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.

图片



15% SDS-PAGE analysis of ab201713 (3µg).

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