

Recombinant Human AMPK alpha 1 protein ab202156

1 图像

描述	
产品名称	重组人AMPK alpha 1蛋白
纯度	> 85 % SDS-PAGE. ab202156 was purified by conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>Q13131</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMGSMRRLSSWRKMATAEKQKHD GRVKIGHY ILGDTLGVGTFGKVKVGKHELTGHKVAVKILNRQKIRSLDVV GKIRREIQ NLKLFRRHPHIKLYQVISTPSDIFVMMEYVSGGELFDYICKN GRLDEKES RRLFQQILSGVDYCHRMVVHRDLKPENVLLDAHMLNAKIADF GLSNMMSD GEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSSGVILYALL CGTLPFDD DHPVTLFKKICDGI FYTPQYLNPSVISLLKHMLQVDPMKRAT IKDIREHE WF
预测分子量	34 kDa including tags
氨基酸	1 to 279
标签	His tag N-Terminus
额外的序列信息	NP_006242.

技术指标

Our **Abpromise guarantee** covers the use of **ab202156** 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
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: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

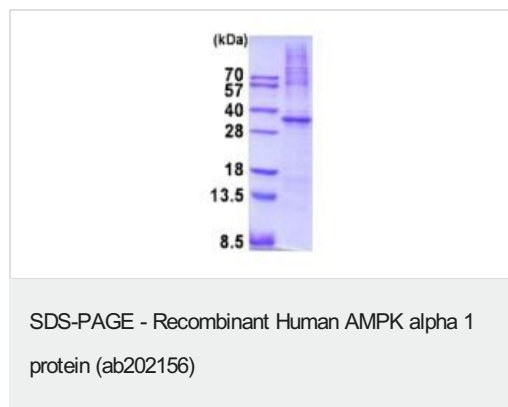
功能

Responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. It also regulates cholesterol synthesis via phosphorylation and inactivation of hormone-sensitive lipase and hydroxymethylglutaryl-CoA reductase. Appears to act as a metabolic stress-sensing protein kinase switching off biosynthetic pathways when cellular ATP levels are depleted and when 5'-AMP rises in response to fuel limitation and/or hypoxia. This is a catalytic subunit.

序列相似性

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily. Contains 1 protein kinase domain.

图片



15% SDS-PAGE analysis of ab202156 (3µg).

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