

Recombinant Human AUH protein ab101821

1 图像

描述

产品名称	重组人AUH蛋白
纯度	> 95 % SDS-PAGE. ab101821 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	Q13825
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGSSHHHHHSSGLVPRGSHMSSEMKTEDELVRHLEENRG IVVLGINR AYGKNSLSKNLIKMLSKAVDALKSDKKVRTIIIRSEVPGIFC AGADLKER AKMSSEVGPVFSKIRAVINDIANLPVPTIAAIDGLALGGGL ELALACDI RVAASSAKMGLVETKLAIIPGGGGTQRLPRAIGMSLAKELIF SARVLDGK EAKAVGLISHVLEQNQEGDAAYRKALDLAREFLPQGPVAMRV AKLAINQG MEVDLVTGLAIEEACYAQTIPTKDRLEGLLAFKEKRPPRYKG E </pre>
预测分子量	31 kDa including tags
氨基酸	68 to 339
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab101821** 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. 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, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

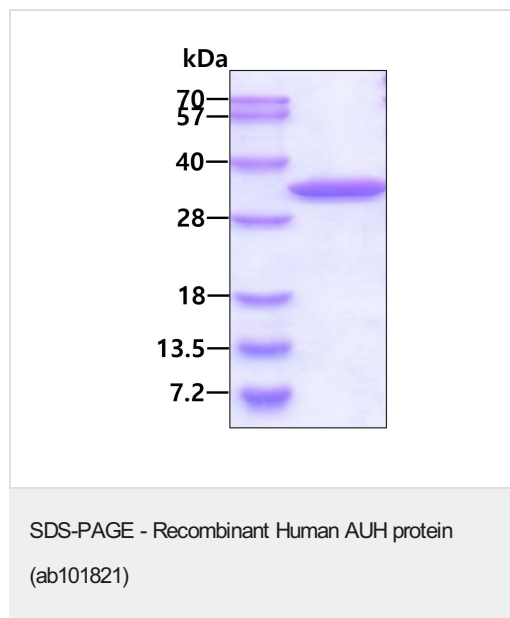
相关性

AUH (3-methylglutaconyl-CoA hydratase) catalyzes the conversion of 3-methylglutaconyl-CoA to 3-hydroxy-3-methylglutaryl-CoA and has very low enoyl-CoA hydratase activity. Deletion or mutation of the AUH gene causes the metabolic disease 3-methylglutaconic aciduria type I (MGA1). MGA type I is characterized by an abnormal organic acid profile in which there is excessive urinary excretion of 3-methylglutaconic acid, 3-methylglutaric acid and 3-hydroxyisovaleric acid. AUH is also an RNA-binding protein that binds *in vitro* to clustered 5'-AUUUA-3' motifs.

细胞定位

Mitochondrial

图片



SDS-PAGE of ab101821 (3µg) under reducing condition and visualized by coomassie blue stain.

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