

Recombinant Human ACY-1 protein ab99247

1 图像

描述

产品名称	重组人ACY-1蛋白	
纯度	> 90 % SDS-PAGE. ab99247 is purified using conventional chromatography techniques.	
表达系统	Escherichia coli	
Accession	<u>Q03154</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		<p>MGSSHHHHHSSGLVPRGSHMTSKGPEEEHPSVTLFRQYL RIRTVQPKPD YGAAVAFFEETARQLGLGCQKVEVAPGYVVTVLTPGNTPTL SSILLNSH TDVVPVFKEHWSHDPFEAFKDSEGYIYARGAQDMKCVSIQYL EAVRRLKV EGHRFPRTIHMTFVPDEEVGGHQGMELFVQRPEFHALRAGFA LDEGIANP TDAFTVFYSERSPWVVRTSTGRPGHASRFMEDTAAEKLHKV VNSILAFR EKEWQRLQSNPHLKEGSVTSVNLTKLEGGVAYNVIPATMSAS FDFRVAPD VDFKAFEEQLQSWCQAAGEGVTFEFAQKWMHPQVTPDDSNP WAAAFSRV CKDMNLTLEPEIMPAATDNRYIRAVGVPALGFSPMNRTPVLL HDHDERLH EAVFLRGVDIYTRLLPALASVPALPSDS</p>
预测分子量	48 kDa including tags	
氨基酸	1 to 408	
标签	His tag N-Terminus	

技术指标

Our **Abpromise guarantee** covers the use of **ab99247** 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

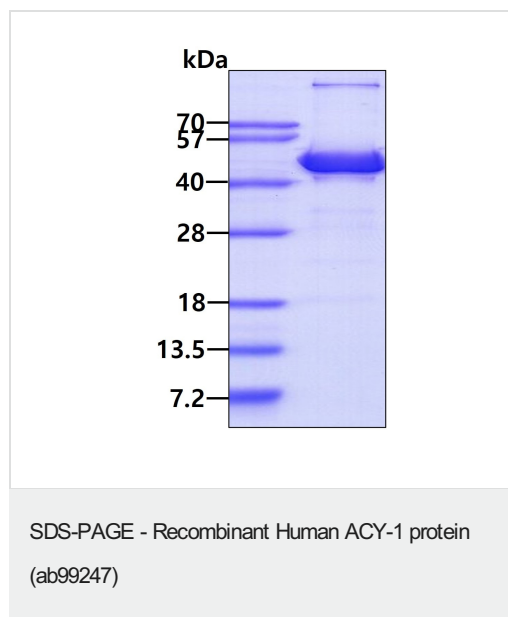
制备和贮存

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: 7.40 Constituents: 10% Glycerol (glycerin, glycerine), PBS
--------	--

常规信息

功能	Involved in the hydrolysis of N-acylated or N-acetylated amino acids (except L-aspartate).
组织特异性	Expression is highest in kidney, strong in brain and weaker in placenta and spleen.
疾病相关	Defects in ACY1 are the cause of aminoacylase-1 deficiency (ACY1D) [MIM:609924]. ACY1D results in a metabolic disorder manifesting with encephalopathy, unspecific psychomotor delay, psychomotor delay with atrophy of the vermis and syringomyelia, marked muscular hypotonia or normal clinical features. Epileptic seizures are a frequent feature. All affected individuals exhibit markedly increased urinary excretion of several N-acetylated amino acids.
序列相似性	Belongs to the peptidase M20A family.
细胞定位	Cytoplasm.

图片



15% SDS-PAGE using ab99247 (3µg).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors