

Recombinant Human UCP3 protein ab79512

1 图像

描述	
产品名称	重组人UCP3蛋白
纯度	> 90 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P55916</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	GTLPNIMRNAIVNCAEVVTYDILKEKLLDYHLLT
氨基酸	181 to 214
标签	His tag N-Terminus

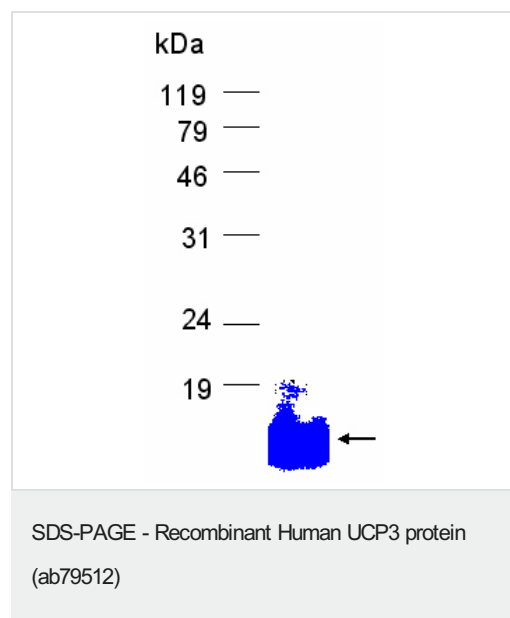
技术指标	
Our Abpromise guarantee covers the use of ab79512 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot
	ELISA
	SDS-PAGE
形式	Lyophilized

制备和贮存	
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: 2.68% PBS
复溶	Re-dissolve the powder with 1ml sterile water to give 1mg/ml.

常规信息	
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功能	UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation. As a result, energy is dissipated in the form of heat. May play a role in the modulation of tissue respiratory control. Participates in thermogenesis and energy balance.
组织特异性	Only in skeletal muscle and heart. Is more expressed in glycolytic than in oxidative skeletal muscles.
疾病相关	Defects in UCP3 may be involved in obesity (OBESITY) [MIM:601665]. It is a condition characterized by an increase of body weight beyond the limitation of skeletal and physical requirements, as the result of excessive accumulation of body fat.
序列相似性	Belongs to the mitochondrial carrier family. Contains 3 Solcar repeats.
细胞定位	Mitochondrion inner membrane.

图片



20% SDS PAGE gel. Coomassie blue staining.

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

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