abcam

Product datasheet

Recombinant Human Myosin Light Chain 2 protein ab117178

製品の概要

製品名	Recombinant Human Myosin Light Chain 2 protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
アクセッション番号	P10916
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMAPKKAKKRAGGANSNVFSMFEQTQIQEFK EAFTIMDQNRDGFIDKNDLRDTFAALGRVNVKNEEIDEMIKEAPGPINFT VFLTMFGEKLKGADPEETILNAFKVFDPEGKGVLKADYVREMLTTQAERF SKEEVDQMFAAFPPDVTGNLDYKNLVHIITHGEEKD
分子量	21 kDa including tags
領域	1 to 166
タグ	His tag N-Terminus

特性

Our Abpromise guarantee covers the use of **ab117178** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
精製度	> 95 % SDS-PAGE. ab117178 is purified by proprietary chromatographic techniques.
製品の状態	Liquid
備考	ab117178 although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

前処理および保存

保存方法および安定性	Shipped at 4°C. Please see notes section. pH: 8.00 Constituents: 0.24% Tris, 20% Glycerol, 0.05% Calcium chloride

関連情報

関連疾患	Defects in MYL2 are the cause of cardiomyopathy familial hypertrophic type 10 (CMH10) [MIM:608758]. Familial hypertrophic cardiomyopathy is a hereditary heart disorder characterized by ventricular hypertrophy, which is usually asymmetric and often involves the interventricular septum. The symptoms include dyspnea, syncope, collapse, palpitations, and chest pain. They can be readily provoked by exercise. The disorder has inter- and intrafamilial variability ranging from benign to malignant forms with high risk of cardiac failure and sudden cardiac death. Defects in MYL2 are the cause of cardiomyopathy familial hypertrophic with mid-left ventricular chamber type 2 (MVC2) [MIM:608758]. MVC2 is a very rare variant of familial hypertrophic cardiomyopathy, characterized by mid-left ventricular chamber thickening.
配列類似性	Contains 3 EF-hand domains.
翻訳後修飾	N-terminus is methylated by METTL11A/NTM1.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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