

Recombinant Human beta-cardiac myosin heavy chain protein ab112326

1 图像

描述

产品名称	重组人beta-cardiac myosin heavy chain蛋白
表达系统	Wheat germ
Accession	<u>P12883</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MGDSEMAVFGAAAPYLKSEKERLEAQTRPFDLKKDVFVPDD KQEFVKAK IVSREGGKVTAEYEGKTVTVKEDQVMQNPFFDKIEDMAM LTFLEPA VLYNLKDRY
预测分子量	38 kDa including tags
氨基酸	1 to 109
标签	GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab112326** in the following tested applications.

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

应用	ELISA Western blot SDS-PAGE
形式	Liquid

制备和贮存

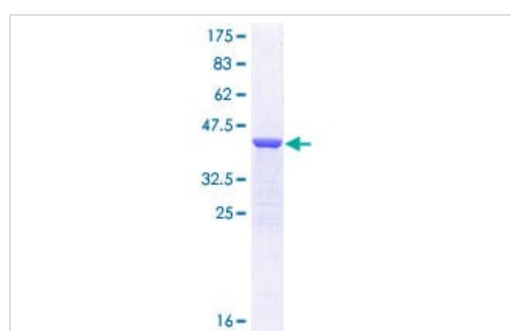
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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常规信息

相关性 Muscle myosin is a hexameric protein that consists of 2 heavy chain subunits (MHC), 2 alkali light chain subunits (MLC) and 2 regulatory light chain subunits (MLC-2). Cardiac MHC exists as two isoforms in humans, alpha-cardiac MHC and beta-cardiac MHC. These two isoforms are expressed in different amounts in the human heart. During normal physiology, beta-cardiac MHC is the predominant form, with the alpha-isoform contributing around only 7% of the total MHC. Mutations of the MHC genes are associated with several different dilated and hypertrophic cardiomyopathies.

细胞定位 Thick filaments of the myofibrils.

图片



ab112326 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

SDS-PAGE - Recombinant Human beta-cardiac myosin heavy chain protein (ab112326)

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

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