abcam

Product datasheet

Recombinant Human GDF8 / Myostatin protein ab203723

1 图像

描述

产品名称 重组人GDF8 / Myostatin蛋白

纯**度** > 95 % SDS-PAGE.

Assessed by densitometry. Purifed using Ni-NTA chromatography.

 内毒素水平
 < 1.000 Eu/μg</td>

 表达系统
 HEK 293 cells

Accession <u>O14793</u>

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 HHHHHHASNENSEQKENVEKEGLCNACTWRQNTKSSRIEAIK

IQILSKLR

LETAPNISKDVIRQLLPKAPPLRELIDQYDVQRDDSSDGSLE

DDDYHATT

ETIITMPTESDFLMQVDGKPKCCFFKFSSKIQYNKVVKAQLW

IYLRPVET

PTTVFVQILRLIKPMKDGTRYTGIRSLKLDMNPGTGIWQSID

VKTVLQNW

LKQPESNLGIEIKALDENGHDLAVTFPGPGEDGLNPFLEVKV

 ${\tt TDTPKRSR}$

RDFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKAN

YCSGECEF

VFLQKYPHTHLVHQANPRGSAGPCCTPTKMSPINMLYFNGKE

QIIYGKIP AMVVDRCGCS

预测分子量 71 kDa including tags

氨基酸 24 to 375

标签 His tag N-Terminus

额**外的序列信息** Mature protein and Propeptide without Signal peptide.

技术指标

Our **Abpromise guarantee** covers the use of **ab203723** in the following tested applications.

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

应用 Functional Studies

Western blot SDS-PAGE

Mass Spectrometry

质谱法 LC-MS/MS

形式 Liquid

补充说明 Frozen from a 0.25–0.5 mg/ml solution. Defrost at ambient temperature. Filter sterilize your culture

media/working solutions containing this non-sterile product before using in cell culture.

制备和贮存

稳定性和存储 Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 20% Glycerol, 80% PBS

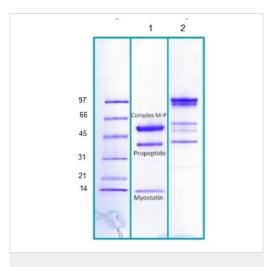
常规信息

功能 Acts specifically as a negative regulator of skeletal muscle growth.

序列相似性 Belongs to the TGF-beta family.

细胞定位 Secreted.

图片



SDS-PAGE - Recombinant Human GDF8 / Myostatin protein (ab203723)

14 % SDS-PAGE analysis of ab203723:

- 1. Reduced and boiled sample, 2.5 µg/lane.
- 2. Non-reduced and non-boiled sample, 2.5 µg/lane.

The approx. 50 kDa band represents the complex of Myostatin-Propeptide. The band corresponding to approx. 38 kDa represents cleaved form of Propeptide and similarly the approx. 12 kDa band belongs to cleaved Myostatin domain. Myostatin domains makes dimmers in non-reducing conditions resulting in bends of approx. 25 and 97 kDa, respectively.

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