

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. Purified using Ni-NTA chromatography.
内毒素水平	< 1.000 Eu/μg
表达系统	HEK 293 cells
Accession	<u>Q14793</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> HHHHHHASNENSEQKENVEKEGLCNACTWRQNTKSSRIEAIK IQILSKLR LETAPNISKDVIRQLLPKAPPLRELIDQYDVQRDDSSDGSLE DDDYHATT ETIITMPTESDFLMQVDGKPKCCFFKFSSKIQYNKVVKAQLW IYLRPVET PTTVFVQILRLIKPMKDGTRYTGIRSLKLDMNPGTGIWQSID VKTVLQNW LKQPESNLGIEIKALDENGHDLAVTFPGPGEDGLNPFLEVKV TDTPKRSR RDFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKAN YCSGECEF VFLQKYPHTHLVHQANPRGSAGPCCTPTKMSPINMLYFNGKE QIIYGKIP AMVVDRCGCS </pre>
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
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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



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 bands of approx. 25 and 97 kDa, respectively.

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