

Recombinant human GDF8 / Myostatin protein ab73251

1 References [1 图像](#)

描述

产品名称	重组人GDF8 / Myostatin蛋白
生物活性	The ED50 as determined by the inhibition of the proliferation of MPC-11 cells is < 20ng/ml, corresponding to a Specific Activity of 50,000units/mg.
纯度	> 95 % SDS-PAGE. This product is purified by proprietary chromatographic techniques. Purity: Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>O14793</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	The sequence of the first five N-terminal amino acids was determined and was found to be Asp-Phe-Gly-Leu-Asp.
预测分子量	25 kDa
额外的序列信息	The sequence of the first five N-terminal amino acids was determined and was found to be Asp-Phe-Gly-Leu-Asp so starting at aa 267.

技术指标

Our **Abpromise guarantee** covers the use of **ab73251** 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 Functional Studies SDS-PAGE
形式	Lyophilized
补充说明	For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Upon reconstitution Myostatin can be stored at 4°C for up to 7 days, for longer periods store at -20 or -80 degrees.

制备和贮存

稳定性和存储

Shipped at Room Temperature. The lyophilized protein is stable for a few weeks at room temperature. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

Preservative: None.

Additives: None.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶

Reconstitute in sterile 20mM HCl at 0.1 mg/ml, which can then be further diluted to other aqueous solutions.

常规信息

功能

Acts specifically as a negative regulator of skeletal muscle growth.

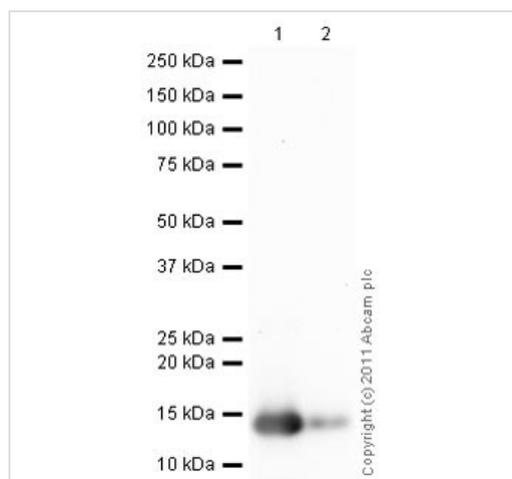
序列相似性

Belongs to the TGF-beta family.

细胞定位

Secreted.

图片



Western blot - Recombinant human GDF8 /
Myostatin protein (ab73251)

ab73251 is a homodimer consisting of two 109aa monomers. The homodimer expected size is 25kDa, so the observed band is thought to be the monomer form.

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

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