abcam

Product datasheet

Recombinant Human Myostatin Propeptide protein ab63300

1 Image

Description

Product name Recombinant Human Myostatin Propeptide protein

Purity > 95 % SDS-PAGE.

Expression system Escherichia coli

Accession O14793

Protein length Protein fragment

Animal free No

Nature Recombinant

Species Human

Sequence MGNENSEQKE NVEKEGLCNA CTWRQNTKSS RIEAIKIQIL

SKLRLETAPN ISKDVIRQLL PKAPPLRELI DQYDVQRDDS

SDGSLEDDDY HATTETIITM PTESDFLMQV DGKPKCCFFK FSSKIQYNKV VKAQLWIYLR

PVETPTTVFV QILRLIKPMK DGTRYTGIRS LKLDMNPGTG WQSIDVKTV LQNWLKQPES NLGIEIKALD ENGHDLAVTF

PGPGEDGLNP FLEVKVTDTP KRSRRKLN

Amino acids 24 to 266

Specifications

Our Abpromise guarantee covers the use of ab63300 in the following tested applications.

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

Applications Western blot

ELISA

Form Lyophilized

Additional notes Product is NOT sterile! Please filter the product by an appropriate sterile filter before using it in

cell culture.

Preparation and Storage

1

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Constituents: 0.242% Tris, 0.116% Sodium chloride

Reconstitution Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the

lyophilized pellet dissolve completely.

General Info

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

Involvement in disease Defects in MSTN are the cause of muscle hypertrophy (MSLHP) [MIM:614160]. MSLHP is a

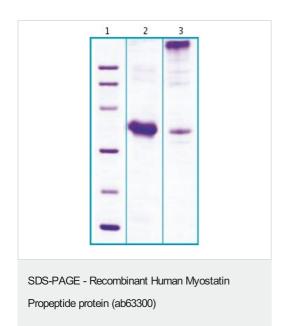
condition characterized by increased muscle bulk and strength. Affected individuals are

exceptionally strong.

Sequence similarities Belongs to the TGF-beta family.

Cellular localization Secreted.

Images



LANES:

- 1. MW marker 14, 21, 31, 45, 66, 97 kDa
- 2. reduced and heated sample, 7µg/lane
- 3. non-reduced and non-heated sample, 7µg/lane

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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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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