

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	<u>O14793</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGNENSEQKE NVEKEGLCNA CTWRQNTKSS RIEAIKIQL SKLRLETAPN ISKDVIQQLL PKAPPLRELI DQYDVQRDDS SDGSLEDDDY HATTETIITM PTESDFLMQV DGKPKCCFFK FSSKIQYNKV VKAQLWYLR 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

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
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors