

Human Myostatin Propeptide

Synonyms: GDF-8, MSTN, Growth Differentiation Factor 8, MSTN Muscle Hypertrophy.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1726.950.005		
25 µg	1726.950.025		
1 mg	1726.950.199		

Please enquire for bulk quantities and other vial sizes

Description

Recombinant Human Myostatin Propeptide is a 27.8kDa protein containing 244 amino acid residues of the human Myostatin Propeptide.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized with no additives*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The protein has full biological activity when compared to a standard. The activity is determined by its ability to inhibit 50ng/ml of Myostatin on MPC-11 cells and is typically 0.13-0.2 µg/ml.

Reconstitution

It is recommended to reconstitute the lyophilized Myostatin Propeptide in sterile 20mM HCl at 0.1mg/ml, which can then be further diluted to other aqueous solutions.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.

Amino Acid Sequence

MNENSEQKEN VEKEGLCNAC TWRQNTKSSR IEAIIQILS KLRLETAPNI SKDVIRQLLP KAPPLRELID
QYDVQRDDSS DGSLEDDDYH ATTETIITMP TESDFLMQVD GKPKCCFFKF SSKIQYNKVV KAQLWIYLRP
VETPTTVFVQ ILRLIKPMKD GTRYTGIRSL KLDMPNGTGI WQSIDVKTVL QNWLKQPESN LGIEIKALDE
NGHDLAVTFP GPGEDGLNPF LEVKVTDTPK RSRR

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
Tel.: +49 40 43208448-0
order@active-bioscience.de
www.active-bioscience.de

TECHNICAL SUPPORT
Tel.: +49 40 43208448-11
support@active-bioscience.de

Active Bioscience GmbH
Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg