

Human, Myostatin Propeptide Human Recombinant Protein, HEK

Catalog Number: PROTO14793-5

Introduction

GDF8 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth.

Overview

Product Name	Human, Myostatin Propeptide Human Recombinant Protein, HEK
Description	Myostatin Propetide Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Asn24-Arg266) containing a total of 253 amino acids, having a calculated molecular mass of 29.1kDa. Myostatin Propetide is fused to a 10 aa C-terminal His tag.
Size	2ug, 10ug, 1mg
Tag	
Form	Filtered colorless solution.
Source	HEK 293.
Formulation	Myostatin Propetide solution at a concentration of 0.25mg/ml in phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino Acid Sequence

NENSEQKENV EKEGLCNACT WRQNTKSSRI EAIKIQLSK LRLETAPNIS KDVI RQLLPK APPLRELIDQ YDVQRDDSSD GSLEDDDYHA TTETIITMPT

ESDFLMQVDG KPKCCFFKFS SKIQYNKVVK AQLWIYLRPV ETPTTVFVQI LRLIKPMKDG TRYTGIRSLK LDMNPGTGIW QSIDVKTVLQ
NWLKQPESNL GIEIKALDEN GHDLAVTFPG PGEDGLNPFL EVKVTDTPKR SRR HHHHHHHH HHH. [?/description_after_attributes?](#)

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