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Myostatin Propeptide Human, HEK

Myostatin Propeptide Human Recombinant, HEK
GRF0275

Product Overview

Name	Myostatin Propeptide Human, HEK

Description

Myostatin Propeptide Human Recombinant, HEK

Accession (Primary)	O14793

Synonyms

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

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.

Source

HEK 293.

Physical Appearance

Filtered colorless solution.

Formulation

Myostatin Propetide solution at a concentration of 0.25mg/ml in phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

NENSEQKENV EKEGLCNACT WRQNTKSSRI EAIKIQILSK LRLETAPNIS KDVIRQLLPK APPLRELIDQ YDVQRDDSSD GSLEDDDYHA TTETIITMPT ESDFLMQVDG KPKCCFFKFS SKIQYNKVVK AQLWIYLRPV ETPTTVFVQI LRLIKPMKDG TRYTGIRSLK LDMNPGTGIW QSIDVKTVLQ NWLKQPESNL GIEIKALDEN

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GHDLAVTFPG PGEDGLNPFL EVKVTDTPKR SRR HHHHHHH HHH .

Precautions

Myostatin Propeptide Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14793)