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32-6498: Myostatin Propeptide Human, HEK

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

Description

Source: HEK 293.
Filtered colorless solution.
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.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	Myostatin Propetide solution at a concentration of 0.25mg/ml in phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol.
Storage condition :	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.
Amino Acid :	NENSEQKENV EKEGLCNACT WRQNTKSSRI EAIKIQILSK LRLETAPNIS KDVIRQLLPK APPLRELIDQ YDVQRDDSSD GSLEDDDYHA TTETIITMPT ESDFLMQVDG KPKCCFFKFS SKIQYNKVVK AQLWIYLRPV ETPTTVFVQI LRLIKPMKDG TRYTGIRSLK LDMNPGTGIW QSIDVKTVLQ NWLKQPESNL GIEIKALDEN GHDLAVTFPG PGEDGLNPFL EVKVTDTPKR SRR HHHHHHH HHH.