

Myostatin Propeptide Human Recombinant, HEK

Item Number	rAP-2380
Synonyms	GDF-8, MSTN, Growth Differentiation Factor 8, MSTN Muscle Hypertrophy.
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.
Uniprot Accesion Number	O14793
Amino Acid Sequence	NENSEQKENV EKEGLCNACT WRQNTKSSRI EAIKIQILSK LRLETAPNIS KDVIRQLLPK APPLRELIDQ YDVQRDDSSD GSLEDDDYHA TTETIITMPT ESDFLMQVDG KPKCCFFKFS SKIQYNKVVK AQLWIYL-RPV ETPTTVFVQI LRLIKPMKDG TRYTGIRSLK LDMNPGTGIW QSIDVKTVLQ NWLKKQPESNL GIEIKALDEN GHDLAVTFPG PGEDGLNPFL EVKVTDTPKR SRR HHHHHHH HHH.
Source	HEK 293.
Physical Appearance and Stability	Filtered colorless solution. 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.
Formulation and Purity	Myostatin Propetide solution at a concentration of 0.25mg/ml in phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**