

# Human Myostatin Recombinant Protein



RPPB0779

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## Product Information    Protein Information

**Product SKU:**

RPPB0779

**Accession:**

O14793

**Host:**

HEK 293.

**Protein description:**

Myostatin Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Asn24-Ser375) containing a total of 360 amino acids, having a calculated molecular mass of 41.1kDa. Myostatin is fused to a 2 aa N-terminal linker and a 6 aa His tag at N-Terminus.

**Appearance:**

Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

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

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

HHHHHHASNE NSEQKENVEK EGLCNACTWR QNTKSSRIEA IKIQILSKLR LETAPNISKD VIRQLLPKAP  
PLRELIDQYD VQRDDSSDGS LEDDDYHATT ETIITMP TES DFLMQVDGKP KCCFFKFSK IQYNKVVKAQ  
LWIYLRPVET PTTVQVQILR LIKPMKDGTR YTGIRSLKLD MNPGTGIWQS IDVKTVLQNW LKQPESNLGI  
EIKALDENGH DLAVTFPGPG EDGLNPFLEV KVTDTPKRSR RDFGLDCDEH STESRCCRY P LTVDFEAFGW  
DWIAPKRYK ANYCSGECEF VFLQYPTH LVHQANPRGS AGPCCTPTKM SPINMLYFNG KEQIYGKIP  
AMVVDRCGCS.