ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Myostatin Human Recombinant, HEK

Item Number	rAP-2379
Synonyms	GDF-8, MSTN, Growth Differentiation Factor 8, MSTN Muscle Hypertrophy.
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.
Uniprot Accesion Number	O14793
Amino Acid Sequence	HHHHHHASNE NSEQKENVEK EGLCNACTWR QNTKSSRIEA IKIQILSKLR LETAPNISKD VIRQLLPKAP PLRELIDQYD VQRDDSSDGS LEDDDYHATT ETIITMPTES DFLMQVDGKP KCCFFKFSSK IQYNKVV-KAQ LWIYLRPVET PTTVFVQILR LIKPMKDGTR YTGIRSLKLD MNPGTGIWQS IDVKTVLQNW LKQPESNLGI EIKALDENGH DLAVTFPGPG EDGLNPFLEV KVTDTPKRSR RDFGLDCDEH STESRCCRYP LTVDFEAFGW DWIIAPKRYK ANYCSGECEF VFLQKYPHTH LVHQANPRGS AG-PCCTPTKM SPINMLYFNG KEQIIYGKIP AMVVDRCGCS.
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 solution at a concentration of 0.25mg/ml in phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol. Greater than 95.0% 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

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