

Human Myostatin Recombinant Protein



RPPB0778

Product Information Protein Information

Product SKU:

RPPB0778

Accession:

O14793

Host:

Escherichia Coli.

Protein description:

Total 152AA. M.W. 16.7kDa (calculated). N-terminal His-tag and spacer (43AA – highlighted). The AA sequence of the human myostatin part of the fusion protein is corresponding to the UniProtKB/Swiss-Prot entry O14793.

Appearance:

Filtered white lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M acetate buffer, pH 4.5.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

Add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDPSSRSVR SRRDFGLDCD EHSTESRCCR
YPLTVDFEAFGWDWIIAPKR YKANYCSGEC EFVFLQKYPH THLVHQANPR GSAGPCCTPT KMSPINMLYF
NGKEQIYGKIPAMVVDRCG CS.