

Human Myostatin Propeptide Recombinant Protein



RPPB0780

Product Information Protein Information

Product SKU:

RPPB0780

Accession:

O14793

Host:

Escherichia Coli.

Protein description:

Recombinant Human Myostatin Propeptide is a 27.8kDa protein containing 244 amino acid residues of the human Myostatin Propeptide.

Appearance:

Sterile Filtered white lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

Lyophilized with no additives.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Myostatin Propeptide in sterile 20mM HCl at 0.1mg/ml, which can then be further diluted to other aqueous solutions.

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.

Amino Acid Sequence:

MNENSEQKE NVEKEGLCNA CTWRQNTKSS RIEAIQIL SKLRLETAPN ISKDVRQLL PKAPPLRELI
DQYDVQRDDS SDGSLEDDDY HATTETITM PTESDFLMQV DGKPKCCFFK FSSKIYQNKV VKAQLWIYLR
PVETPTTVFV QILRLIKPMK DGTRYTGIRS LKLDMPGTG IWQSIDVKTQ LQNWLLKQPS NLGIEIKALD
ENGHDLAVTF PGPGEDGLNP FLEVKVTDTK KRSRR.

Biological Activity:

The protein has full biological activity when compared to a standard. The activity is determined by its ability to inhibit 50ng/ml of Myostatin on MPC-11 cells and is typically 0.13-0.2 µg/ml.