

Eukaryotic Myostatin (MSTN) Instruction Manual

SFPB256Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	40.3kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Asn24~Ser375 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                               NENSEQK ENVEKEGLCN ACTWRQNTKS  
SRIEAIKIQI LSKLRLETAP NISKDVIRQL LPKAPPLREL IDQYDVQRDD  
SSDGSLEDDD YHATTETIIT MPTESDFLMQ VDGKPKCCFF KFSSKIQYNK  
VVKACLWIYL RPVETPTTVF VQILRLIKPM KDGTRYTGIR SLKLDMNPGT  
GIWQSIDVKT VLQNWLKQPE SNLGIEIKAL DENGHD LAVT FPGPGEDGLN  
PFLEVKVTDT PKRSRRDFGL DCDEHSTESR CCRYPLTVDF EAFGWDWIIA  
PKRYKANYCS GECEVFVLQK YPHTHLVHQA NPRGSAGPCC TPTKMSPINM  
LYFNGKEQII YGKIPAMVVD RCGCS
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

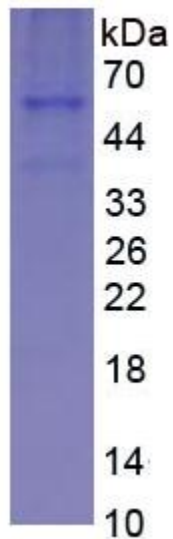
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.