

RPB653Hu61 100µg

Recombinant Myostatin (MSTN)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Asn24~Ser375

Tags: A his-tag

Accession: O14793

Host: 293F cell

Subcellular Location: Secreted.

Purity: >95%

Endotoxin Level: <1.0EU per 1µg

(determined by the LAL method).

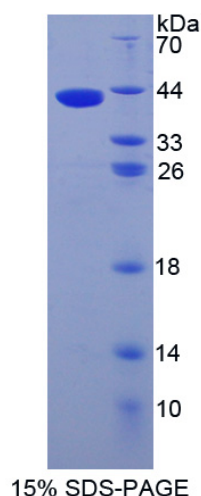
Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 6.4

Predicted Molecular Mass: 41.7kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

NENSEQK ENVEKEGLCN ACTWRQNTKS SRIEAIKIQI LSKLRLETAP NISKDVIRQL
LPKAPPLREL IDQYDVQRDD SSDGSLEDDD YHATTETIIT MPTESDFLMQ VDGKPKCCFF
KFSSKIQYNK VVKAQLWIYL RPYETPTTVF VQILRLIKPM KDGTRYTGIR SLKLDMPNGT
GIWQSIDVKT VLQNWLKQPE SNLGIEIKAL DENGHD LAVT FPGPGEDGLN PFLEVKVTDT
PKRSRRDFGL DCDEHSTESR CCRYPLTVDF EAFGWDWIIA PKRYKANYCS GECEVFLQK
YPHTHLVHQA NPRGSAGPCC TPTKMSPINM LYFNGKEQII YGKIPAMVVD RCGCS