

Recombinant Human MSTN protein, His-tagged

Cat. No. MSTN-0341H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MSTN protein(Asn24-Ser375), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-375 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4,0.2M Arg with trehalose as protectant.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 42.0 kDa. The protein migrates as 30 kDa and 45-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asn24-Ser375
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [MSTN myostatin \[Homo sapiens \]](#)

Official Symbol [MSTN](#)

Synonyms MSTN; myostatin; GDF8, growth differentiation factor 8; growth/differentiation factor 8; GDF-8; growth differentiation factor 8; GDF8; MSLHP;

Gene ID [2660](#)

mRNA Refseq [NM_005259](#)

Protein Refseq [NP_005250](#)

MIM [601788](#)

UniProt ID [O14793](#)

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