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Myostatin Proform, human recombinant protein

GDF-8, MSTN, Growth Differentiation Factor 8, MSTN Muscle Hypertrophy,
Catalog # PBV10334r

Specification

Myostatin Proform, human recombinant protein - Product info

Primary Accession	O14793
Calculated MW	27.8 kDa KDa

Myostatin Proform, human recombinant protein - Additional Info

Gene ID	2660
Gene Symbol	MSTN

Other Names
GDF-8, MSTN, Growth Differentiation Factor 8, MSTN Muscle Hypertrophy,

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes

Target/Specificity
Myostatin

Application Notes
Reconstitute in H_2O to a concentration of 0.1 to 1.0 mg/ml. This solution can then be diluted into other aqueous buffers

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

Myostatin Proform, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Myostatin Proform, human recombinant protein - Images

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Myostatin Proform, human recombinant protein - Background

Mature Myostatin is obtained by proteolytic processing of a biologically-inactive precursor protein, which contains an N-terminal propeptide of 243 amino acid residues. Myostatin Propeptide exhibits high binding affinity for myostatin and has been shown to be a potent inhibitor of Myostatin. Over-expression of myostatin propeptide in mice resulted in large increases (up to 200%) in skeletal muscle mass, similar to those observed in Myostatin knockout mice. Recombinant Human Myostatin Propeptide is a 27.8 kDa protein consisting of 244 amino acid residues

Myostatin Proform, human recombinant protein - References

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