

## Recombinant Horse MSTN protein, His-tagged

Cat. No. MSTN-4363H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Horse MSTN protein(Q9GM97)(267-375aa), fused with N-terminal His tag, was expressed in E.coli.   |
| <b>Species</b>          | Horse  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 267-375aa  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Molecular Mass</b>   | 18.4 kDa   |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence** DFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGEGEFVFLQKYP  
HTHLVHQANPRGSAGPCCTPTKMSPINMLYFNGKEQIIYGKIPAMVVDRCGCS

## GENE INFORMATION

**Gene Name** MSTN myostatin [ *Equus caballus* ]

**Official Symbol** MSTN

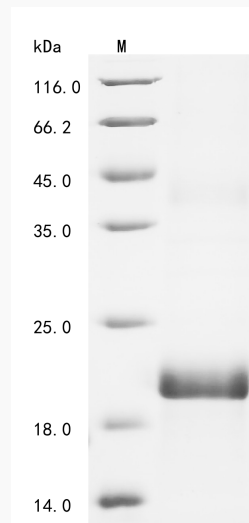
**Synonyms** MSTN; myostatin; growth/differentiation factor 8; GDF-8;

**Gene ID** 100033832

**mRNA Refseq** NM\_001081817

**Protein Refseq** NP\_001075286

## SDS-PAGE



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