

## Recombinant Cat MSTN protein, His-tagged

**Cat. No.** MSTN-5633C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cat MSTN protein(M3WPT7)(19-375aa), fused with N-terminal His tag, was expressed in HEK293.                                                                                                                            |
| <b>Species</b>          | Cat                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 19-375aa                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                              |
| <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>   | 44.2 kDa                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.<br>Greater than 90% as determined by SEC-HPLC.                                                                                                                                         |
| <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                                                               |

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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.

**AA Sequence**

GPVDLNENSEQKENVEKEGLCNACTWRQNTKSSRIEAIKIQILSKLRLETAPNISKDAI  
 RQLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDLLMQVEGK  
 PKCCFFKFSSKIQYNKVVKAKQLWIYLRPVKTPPTTVFVQILRLIKPMKDGTRYTGIRSLK  
 LDMNPGTGIWQSIDVKTVLQNWLKQPESNLGIEIKALDENGHDLAVTFPGPGEDGLN  
 PFLEVKVTDTPKRSRRDFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKA  
 NYCSGECEFVFLQKYPHTHLVHQANPRGSAGPCCTPTKMSPINMLYFNGKEQIIYG  
 KIPAMVVDRCGCS

**SDS-PAGE**

