



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MSTN (Human) Recombinant Protein

**Catalog Number:** P8951

**Regulation Status:** For research use only (RUO)

**Product Description:** Human MSTN (O14793, 24 a.a. - 266 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in HEK293 cell.

**Sequence:**

```
NENSEQKENVEKEGLCNACTWRQNTKSSRIEAIKIQIL  
SKLRLETAPNISKDVIRQLLPKAPPLRELIDQYDVQRDD  
SSDGSLEDDDYHATTETIITMPTESDFLMQVDGKPKCC  
FFKFSSKIQYNKVVKAQLWIYLRPVEPTTVFVQILRLIK  
PMKDGTRYTGIRSLKLDMNPGTGIWQSIDVKTVLQNW  
LKQPESNLGIEIKALDENGHDLAVTFFPGPGEDGLNPFL  
EVKVTDTPKRSRRHHHHHHHHHHH.
```

**Host:** Human

**Theoretical MW (kDa):** 29.1

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** HEK 293T cell expression system

**Purity:** > 80% by SDS PAGE

**Storage Buffer:** phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol.

**Storage Instruction:** Store, frozen at -20°C for longer periods of time.  
For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).  
Avoid multiple freeze-thaw cycles.

**Entrez GeneID:** 2660

**Gene Symbol:** MSTN

**Gene Alias:** GDF8

**Gene Summary:** The protein encoded by this gene is a

member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth. [provided by RefSeq]