



# 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:** P8948

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

**Product Description:** Human MSTN (O14793)  
recombinant protein with His t

**Sequence:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDPS  
SRSAVRSRRDFGLDCDEHSTESRCCRYPLTVDFEAFG  
WDWIIAPKRYKANYCSGECEVFVFLQKYPHTHLVHQAN  
PRGSAGPCCTPTKMSPINMLYFNGKEQIIYGKIPAMVV  
DRCGCS.

**Host:** Escherichia coli

**Theoretical MW (kDa):** 16.7

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

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression  
system

**Purity:** > 95% by SDS PAGE

**Storage Buffer:** Lyophilized from 0.05M acetate buffer,  
pH 4.5.

**Storage Instruction:** Store at -20°C. Aliquot the product  
after reconstitution to avoid repeated freezing/thawing  
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]