



# 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

### MYOD1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004654-P01

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

**Product Description:** Human MYOD1 full-length ORF ( NP\_002469.2, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MELLSPPLRDVLTAPDGSLCSFATDDDFYDDPCFDS
PDLRFFEDLDPRLMHV GALLKPEEHSHPAAVHPAPG
AREDEHVRAPSGHHQAGRCLLWACKACKRKT TNADR
RKAATMRERRRLSKVNEAFETLKRCTSSNP NQRLPKV
EILRNAIRYIEGLQALLRDQDAAPPGAAAAFYAPG LPP
GRGGEHYSGDS DASSPRSNCS DGMMDYSGPPSGAR
RRNCYEGAYYNEAPSEPRPGKSAAVSSLDCLSSIVERI
STESPAAPALLLADVPSESPRRRQEAAA PSEGESSGD
PTQSPDAAPQCPAGANPNPIYQVL
```

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 60.9

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4654

**Gene Symbol:** MYOD1

**Gene Alias:** MYF3, MYOD, PUM, bHLHc1

**Gene Summary:** This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis. [provided by RefSeq]