



# 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

### MYL6 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004637-P01

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

**Product Description:** Human MYL6 full-length ORF ( NP\_066299.2, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MCDFTEDQTAEFKEAFQLFDRTGDGKILYSQCGDVMR  
ALGQNPTNAEVLKVLGNPKSDEMNVKVLDFEHFLPML  
QTVAKNKDQGTIEDYVEGLRVFDKEGNGTVMGAEIR  
HVLVTLGEKMTEEEVEMLVAGHEDSNGCINYEAFVRHI  
LSG

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

**Theoretical MW (kDa):** 43.3

**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:** 4637

**Gene Symbol:** MYL6

**Gene Alias:** ESMLC, LC17-GI, LC17-NM, LC17A, LC17B, MLC1SM, MLC3NM, MLC3SM

**Gene Summary:** Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two

nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]