



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Data Sheet

### MUSK, His-Tag

Human, Recombinant, N-terminal His-tag

**Catalog #:** 40079

**Lot#:** 180416      **Conc.:** 0.40 mg/ml

**Formulated in:** 40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 3 mM DTT, 20% glycerol and 225 mM Imidazole.

**Stability:** At least 6 months at -80°C

**References:**

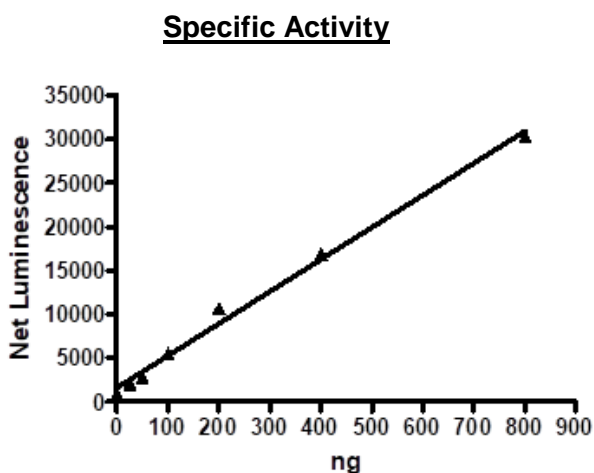
1. Zhou H. et al., J. Cell Biol. 146 (5), 1133-1146 (1999).
2. Evoli A. et al., Ann. N. Y. Acad. Sci. 1132, 76-83 (2008).

**Description:** Human MUSK, GenBank Accession No. NM\_005592, a.a. 530-869 (end), with N-terminal His-tag, MW = 40 kDa, expressed in Baculovirus infected Sf9 cell expression system.

**Assay Conditions:** Assay was done using ADP-Glo (Promega) reagents with 100 μM ATP, 20 μM acetyl-CoA and 30 mM NaHCO<sub>3</sub> in 25 μL kinase assay buffer (30 mM HEPES pH=7.4, 2 mM MgCl<sub>2</sub>, 1 mM DTT, and 2 mM Sodium citrate). Substrate used was MBP. Reaction was performed at 30°C for 40 min.

**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

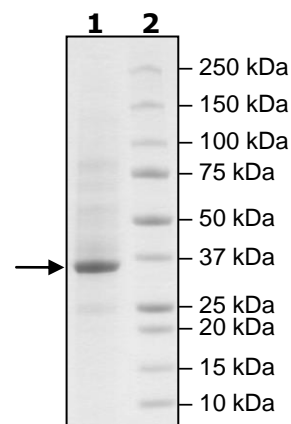
### Quality Assurance



**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
2 μg MUSK  
**Lane 2:**  
Protein Marker

**MW:** 40 kDa  
**Purity:** ≥66%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.259.5734**  
 Or you can Email us at: [info@bpsbioscience.com](mailto:info@bpsbioscience.com)  
 Please visit our website at: [www.bpsbioscience.com](http://www.bpsbioscience.com)