



# 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

### ROCK1, Active

Human, recombinant, N-terminal GST tag  
**Catalog #:** 40085  
**Lot#:** 110506      **Conc.:** 0.1 mg/ml

**Formulated in:** 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.

**Stability:** >6 months at -80°C

#### References:

1. Zhao, Y M. *et al. Dev Biol.* 2004 Nov 1;**275(1)**:183-91.
2. Zhang, C. *et al. FASEB J.* 2006 May;**20(7)**:916-25.

#### Description:

Recombinant human ROCK1, GenBank accession # NM\_005406, a.a.17-535 with an N-terminal GST tag, expressed in Sf9 insect cells using a baculovirus expression system.

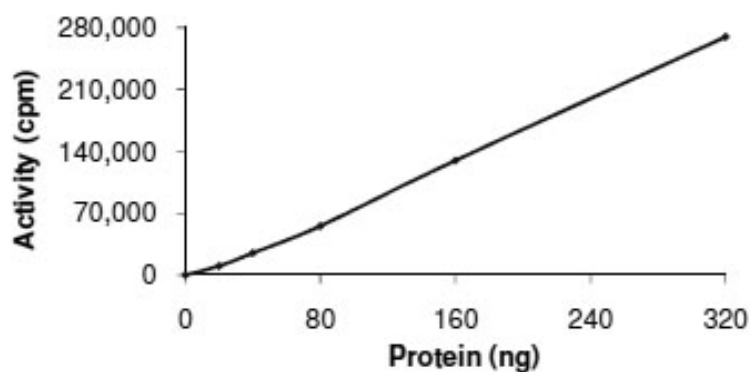
**Specific Activity:** 51 pmol/min/μg

**Assay Buffer:** 5 mM MOPS, 2.5 mM β-glycerophosphate, 5 mM MgCl<sub>2</sub>, 1 mM EGTA, 0.4 mM EDTA, 0.05 mM DTT, 2 mM ATP. Incubate ROCK1 with 0.25 mg/ml S6K peptide substrate and [<sup>33</sup>P]-ATP at 30°C for 15 min., then spot reaction on phosphocellulose paper, fix in 1% phosphoric acid, and assay with a scintillation counter.

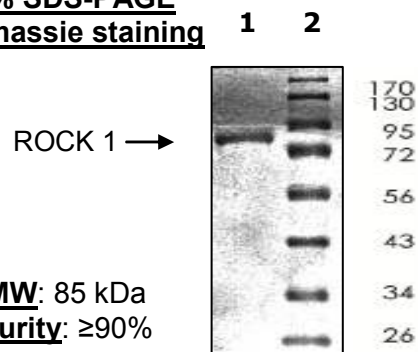
#### Application:

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

### Specific Activity



### 10% SDS-PAGE Coomassie staining



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

To place your order, please contact us by Phone **1.858.202.1401** or **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)