



# 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

### HDAC4

Human, recombinant, N-terminal GST Tag  
**Catalog #:** 50004  
**Lot#:** 130115      **Conc.:** 1.5 mg/ml

**Formulated in:** 45 mM Tris-HCl, pH 8.0,  
124 mM NaCl, 2.4 mM KCl, 18 mM  
glutathione, and 10% glycerol.

**Stability:** >6 months at -80°C

**References:**

1. Leong, H. *et al.*, (2005) *Mol. Endocrinol.* **19**, 2930-2942.
2. Zhao *et al.*, (2005) *Mol. Cell. Biol.* **25**, 8456-8464.

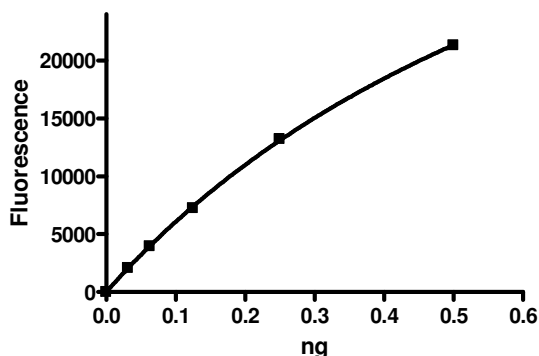
**Description:** Human HDAC4 (GenBank Accession No. NM\_006037), amino acids 627- 1085 with N-terminal GST tag, MW= 75.2 kDa, expressed in baculovirus expression system.

**Specific Activity:** 103,255 pmol/min/μg. Assay condition: 25 mM Tris/HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl<sub>2</sub>, and 0.1 mg/ml BSA, 20 μM BPS HDAC class 2a substrate (Catalog #50040), and HDAC4. Incubation condition: 30 min at 37°C.

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

### Quality Assurance

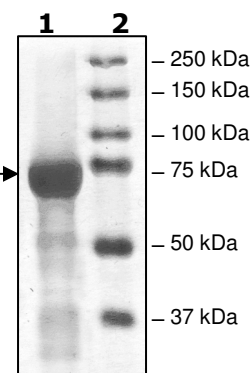
#### Specific Activity



#### 10% SDS-PAGE Coomassie staining

**Lane 1:**  
5 μg HDAC4  
**Lane 2:**  
Protein Marker

**MW:** 75.2 kDa  
**Purity:** ≥60%



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 **1.858.481.8694**  
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)