



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

www.szabo-scandic.com

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

Data Sheet

pf-HDAC 1, His-FLAG-Tag

P. falciparum HDAC1, recombinant,
 C-terminal His-tag and FLAG-tag

Catalog #: 50063

Lot #: 100412 **Conc.:** 0.48 mg/ml

Formulated in: 45 mM Tris-HCl, pH 8.0,
 124 mM NaCl, 2.4 mM KCl, 90 µg/ml FLAG
 peptide, 10% glycerol.

Stability: >6 months at -80°C

References:

1. Chen *et al.*, *J. Med. Chem.* 2008 Jun 26;
51(12):3437-48.
2. Joshi *et al.*, *Mol. Biochem. Parasitol.*
 1999 Mar 15; **99(1):**11-9.

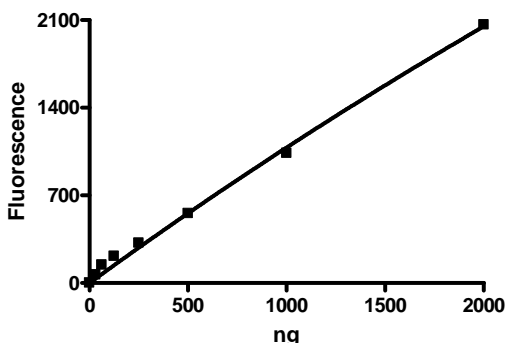
Description: Malarial (*Plasmodium falciparum*) HDAC, Genbank Accession No. AAD22407.1, full length (1-450) with C-terminal His-tag and FLAG-tag, MW=53 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: 1.66 pmol/min/µg
 Assay conditions: 25 mM Tris/HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl₂, and 0.1 mg/ml BSA, 20 µM BPS HDAC substrate 3 (Catalog #50037), and pf-HDAC1. HDAC reaction was done for 30 min at 37°C followed by treatment with 50 µl of HDAC developer (Cat. #50030) for 15 min at RT. Fluorescence intensity is measured at ex360/em460.

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

Quality Assurance

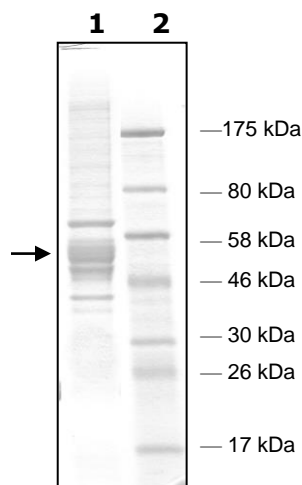
Specific Activity



**10% SDS-PAGE
 Coomassie staining**

Lane 1:
pf-HDAC 1
Lane 2:
 Protein Marker

MW: 53 kDa
Purity: ≥58%



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
 Please visit our website at: www.bpsbioscience.com