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Lieferung & Zahlungsart

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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) 



6044 Cornerstone Court West, Suite E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

Kinetic HDAC Assay Developer

Catalog #: 53029

Lot #: 130509

DESCRIPTION: The Kinetic HDAC assay developer is an essential reagent for signal generation in Kinetic HDAC assays performed with any of BPS Bioscience's HDAC fluorimetric substrates. The developer sensitizes the deacetylated substrate so that subsequent treatment with the HDAC assay developer produces a fluorophore.

APPLICATIONS: Study of HDAC kinetics, regulation and inhibitor sensitivity. Suitable for use with the Kinetic HDAC assay kits:

- Kinetic HDAC1 Assay Kit
- Kinetic HDAC2 Assay Kit
- Kinetic HDAC3 Assay Kit

SUPPLIED AS: A 10x concentrate with 10 ml dilution buffer

QUANTITY: 1 ml

USAGE: Dilute 10x developer to 1x with dilution buffer before use. Add 50 μ l 1x developer in a 100 μ l reaction.

STORAGE: Store in aliquots, only as the 10x concentrate, at -70°C. Concentrate is stable for at least 3 freeze-thaw cycles, but care should be taken that both freezing and thawing steps are done quickly (e.g. liquid N₂ or dry ice/EtOH for freezing, rapid finger-rubbing for thawing).

REFERENCES:

1. K. Ito *et al. Proc. Natl. Acad. Sci. USA* 2002 **99**: 8921
2. B. Heltweg and M. Jung *Anal. Biochem.* 2002 **302**: 175
3. S. Milutinovic *et al. J. Biol. Chem.* 2002 **277**: 20974

RELATED PRODUCTS:

<u>Product</u>	<u>Catalog #</u>	<u>Size</u>
Kinetic HDAC1 Assay Kit	53001	96 rxns.
Kinetic HDAC2 Assay Kit	53002	96 rxns.
Kinetic HDAC3 Assay Kit	53003	96 rxns.
HDAC Assay Buffer	50031	20 ml
HDAC Assay Developer	50030	6 ml

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

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Fluorogenic Deacetylated Substrate Standard	50035	250 nmole
Fluorogenic HDAC class 2a Substrate 1	50040	250 nmole
Fluorogenic HDAC class 2a Substrate 2 (Green fluorescence)	50042	250 nmole
Fluorogenic HDAC Substrate 1	50032	500 nmole
Fluorogenic HDAC Substrate 2 (Green fluorescence)	50038	250 nmole
Fluorogenic HDAC Substrate 3	50037	250 nmole
HDAC Assay Buffer	50031	20 ml
HDAC Assay Developer	50030	6 ml

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