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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

HDAC 1, His-Tag, FLAG-Tag

Mouse, Recombinant, C-terminal His-tag,
 C-terminal FLAG-tag
Catalog #: 50058
Lot #: 161220-1 **Conc.:** 0.11 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 0.04%
 Tween20, 20% glycerol, 100ug/ml flag
 peptide

Stability: At least 6 months at -80°C .
 Avoid freeze/thaw cycles. Storing diluted
 enzyme is not recommended, if
 necessary, use carrier protein (BSA 0.1 –
 0.5%).

References:

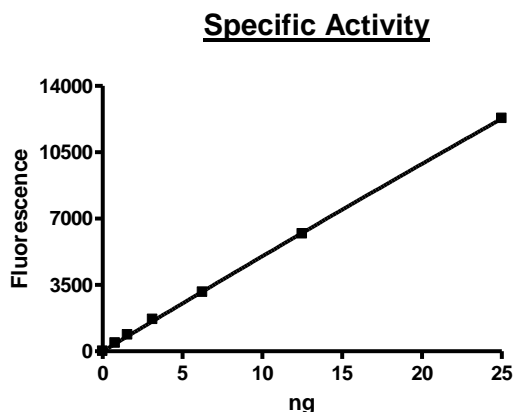
1. Rikimaru, T. *et al.*, *Oncology* **72(1-2)**, 69-74 (2007).
2. Ishihama, K. *et al.*, *J Clin Pathol* **60(11)**, 1205-10 (2007).

Description: Mouse HDAC1, GenBank
 Accession No. NM_008228, amino acids 1-
 482 (full length), with C-terminal His-tag and
 C-terminal FLAG-tag, MW = 57 kDa,
 expressed in an Sf9 baculovirus expression
 system. Recombinant HDAC1 forms a
 complex with endogenous Hsp70. The
 identity of Hsp70 was confirmed by MALDI-
 TOF mass spectrometry.

Specific Activity: ≥ 460 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 Mouse
 HDAC1 (0.3 – 20 ng). Incubation
 condition: 30 min at 37°C followed by
 developing for 15 min at room temperature.

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

Quality Assurance

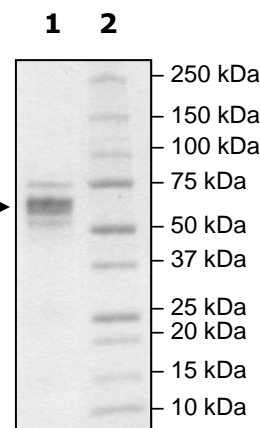


4-20% SDS-PAGE
Coomassie staining

Lane 1:
 Mouse HDAC1

Lane 2: →
 Protein Marker

MW: 57 kDa
Purity: $\geq 50\%$



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