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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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Data Sheet

HDAC4, GST-Tag

Human, Recombinant, C-terminal GST Tag

Catalog #: 100339

Lot#: 190329

Conc.: 0.05 mg/ml

Formulated in: 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 10 mM glutathione, and 25% glycerol.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles.

References:

1. Wang, A. H. *et al. Molec. Cell. Biol.* **19**: 7816-7827, 1999.
2. Fischle, W. *et al. Molec. Cell.* **9**: 45-57, 2002.

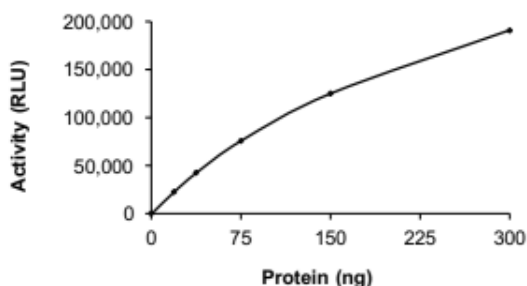
Description: Human HDAC4 also known as Histone Deacetylase 4, KIAA0288, and HD4, GenBank Accession No. NM_006037, a.a. 101-1084(end) with a C-terminal GST-tag, expressed in expressed in a Baculovirus infected Sf9 cell expression system. MW= 75 kDa.

Specific Activity: 80 RLU/min/ng. Assay conditions: 25 mM Tris/HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl_2 , 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

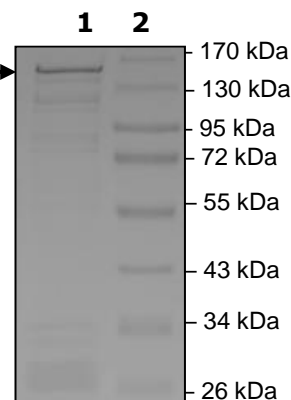
Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1: HDAC4
Lane 2: Protein Marker

MW: 155 kDa
Purity: $\geq 70\%$



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