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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

HDAC6, GST-Tag

Human, Recombinant, N-terminal GST tag

Catalog #: 50006

Lot #: 171116-B **Conc.:** 0.06 mg/ml

Formulated in: 40mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 3mM DTT and 20% glycerol.

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%).

Reference:

1. Li S. *et al.*, *Neurology*. **41(2)**, 112-6 (2010).
2. Strausberg, R.L. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.* **99 (26)**, 16899-16903 (2002).

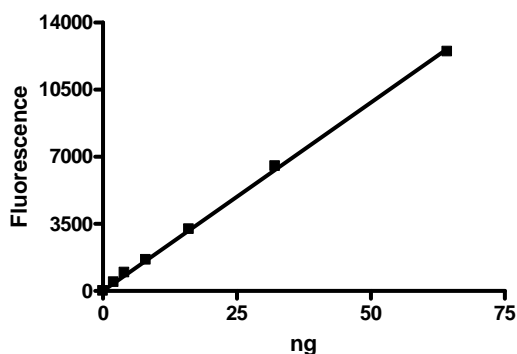
Description: Human HDAC6 (GenBank Accession No. BC069243), full length with N-terminal GST tag, MW = 161 kDa, expressed in baculovirus expression system.

Specific Activity: 350 pmol/min/ μg
 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 substrate 3 (Catalog #50037), and HDAC6 (3.2 – 200ng).
 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

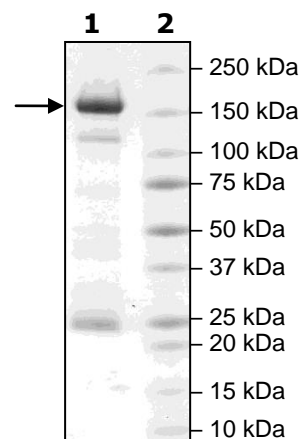
Specific Activity



**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 μg HDAC6
Lane 2:
Protein Marker

MW: 161 kDa
Purity: $\geq 65\%$



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