



# SZABO SCANDIC

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- 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  $-80^{\circ}\text{C}$ . 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).

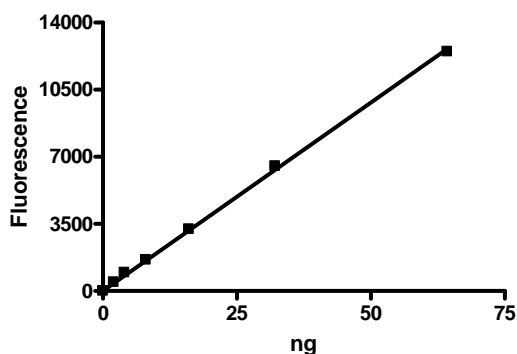
**Description:** Human HDAC6 (GenBank Accession No. BC069243), full length with N-terminal GST tag, MW = 161 kDa, expressed in baculovirus expression system.

**Specific Activity:** 350 pmol/min/ $\mu\text{g}$   
 Assay Conditions: 25 mM Tris/HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM  $\text{MgCl}_2$ , and 0.1 mg/ml BSA, 20  $\mu\text{M}$  BPS HDAC substrate 3 (Catalog #50037), and HDAC6 (3.2 – 200ng).  
 Incubation condition: 30 min at  $37^{\circ}\text{C}$  followed by developing for 15 min at room temperature.

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

## Quality Assurance

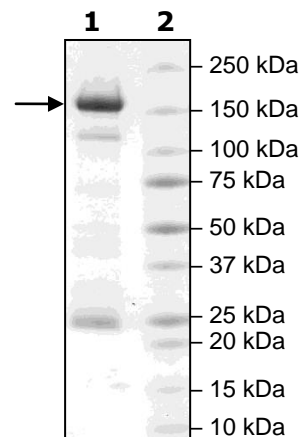
**Specific Activity**



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

**Lane 1:**  
2  $\mu\text{g}$  HDAC6  
**Lane 2:**  
Protein Marker

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



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