



# SZABO SCANDIC

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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### HDAC6, GST-Tag

Human, Recombinant, N-terminal GST tag

**Catalog #:** 100051

**Lot #:** 180508-2

**Conc.:** 0.54 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween20, 20% glycerol, 3mM DTT

**Stability:** At least 12 months at  $-80^{\circ}\text{C}$ . Avoid freeze/thaw cycles.

**Reference:**

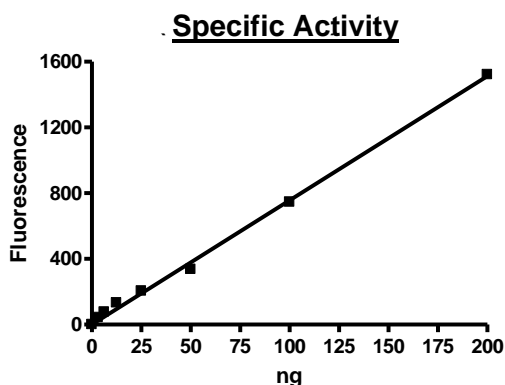
1. Li S. *et al.*, *Neurology*. **41(2)**, 112-6 (2010).
2. Strausberg, R.L. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.* **99 (26)**, 16899-16903 (2002).

**Description:** Human HDAC6, a.a. 1-1215, N-terminal GST tag, GenBank Accession No. NM\_006044, expressed in a HEK293 expression system. MW = 161 kDa.

**Specific Activity:** 10 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



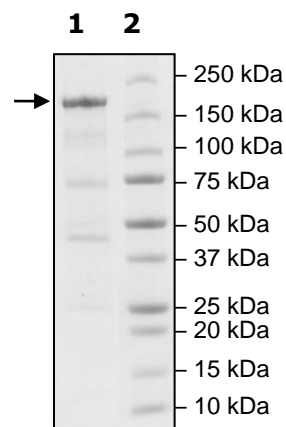
**4-20% SDS-PAGE  
 Coomassie staining**

**Lane 1:**  
 HDAC6

**Lane 2:**  
 Protein Marker

**Purity:**  $\geq 65\%$

**MW:** 161 kDa



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