



# SZABO SCANDIC

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Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### DNMT1, GST-tag

Human, recombinant, N-terminal GST-tag  
**Catalog #:** 51101  
**Lot #:** 151020-3      **Conc.:** 0.18 mg/ml

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

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

**References:**

1. Tan, H.H. and Porter, A.G. *Biochem. Biophys. Res. Commun.* **382 (2)**, 462-467 (2009).
2. Fan, H. *et al.*, *World J. Gastroenterol.* **15 (16)**, 2020-2026 (2009).

**Description:**

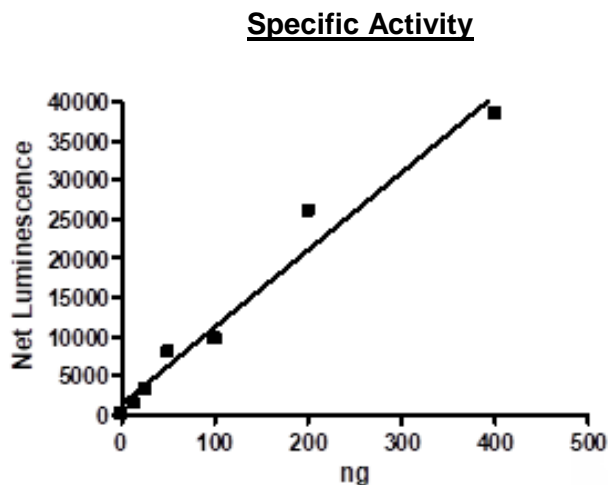
Human DNMT1 also known as, ADCADN, AIM, CXXC9, DNMT, HSN1E, MCMT, m.Hsal, and, DNA (cytosine-5)-methyltransferase 1, GenBank Accession No. NM\_001130823, a.a. 2-1632 (end), with N-terminal GST-tag, expressed in Sf9 cells via a baculovirus expression system, MW=211 kDa..

**Assay Conditions:** Assay was performed using the DNMT1 Assay kit, BPS Cat. #52050L, using 400 µM S-adenosyl-methionine for 1 hour at 37°C.

**Application:**

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

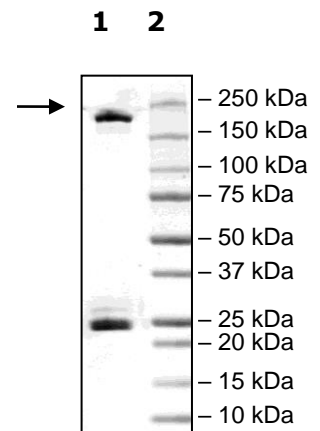
### Quality Assurance



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

**Lane 1:**  
 2.5 µg DNMT1  
**Lane 2:**  
 Protein Marker

**MW:** 211 kDa  
**Purity:** ≥42%



**Sequence:**

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LCMLAKARESASAKIKEEEAAKD

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