



# SZABO SCANDIC

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Data Sheet

### **PRMT9, FLAG-Tag, Strep-Tag**

Human, Recombinant, N-terminal FLAG-Tag,  
 C-terminal Strep-Tag

**Catalog #:** 52057

**Lot #:** 160802      **Conc.:** 0.59 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, 80 µg/ml flag peptide.

**Stability:** At least 6 months at -80°C. *Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

**References:**

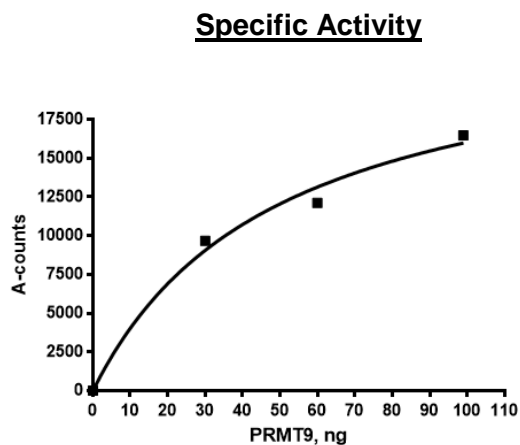
1. Cook, J, *et al.*, *Biochem. Biophys. Res. Commun.* 2006 Apr; **342(2)**:475-481.
2. Yanzhong, Y., *et al.*, *Nature.* 2014 Jun; **6**: 267-273.

**Description:** Human Protein Arginine Methyltransferase 9 (PRMT9), GenBank Accession No. NM\_138364, a.a. 2-845, with an N-terminal FLAG-tag and a C-terminal Strep-tag, expressed in an SF9 insect cell expression system. MW = 97 kDa.

**Assay Description:** 10 µl reaction mix containing assay buffer with S-adenosylmethionine, specific PRMT9 substrate, and PRMT9 (30-100 ng) added to the wells. Add antibody against methylated Arg residue and A-screen Acceptor beads. Incubate for 30 min, then add GSH-conjugated Donor beads followed by Alpha Screening detection.

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

## **Quality Assurance**



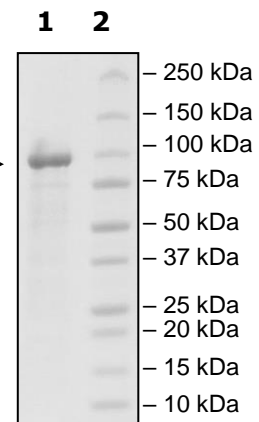
**4-20% SDS-PAGE**  
**Coomassie staining**

**Lane 1:**  
 PRMT9  
 2 µg loaded →

**Lane 2:**  
 Protein Marker

**Purity:** ≥83%

**MW:** 97 kDa



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