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### 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) 



6044 Cornerstone Court West, Suite E  
San Diego, CA 92121  
Tel: 1.858.829.3082  
Fax: 1.858.481.8694  
Email: [info@bpsbioscience.com](mailto:info@bpsbioscience.com)

## Data Sheet

### **USP33 Core Domain**

Human, recombinant, His<sub>6</sub>-SUMO tag

**Catalog #:** 81102

**Lot #:** 141217      **Conc.:** 6.5 µM

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**Formulated in:** 25 mM Tris-HCl, pH 7.5, 150 mM NaCl, 5 mM DTT, 10% glycerol.

**Stability:** At least 12 months at –80°C. *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

**References:**

1. De Pitta, C., *et al.*, *Haematologica*. 2005; **90(7)**: 890-898.
2. Li, Z., *et al.*, *J. Biol. Chem.* 2002; **277(7)**: 4656-4662.

**Description:** Human Ubiquitin-specific protease 33 (USP33) catalytic domain, also known as deubiquitinating enzyme 33, KIA1097, ubiquitin carboxyl-terminal hydrolase 33, VDU1, and VHL-interacting deubiquitinating enzyme 1 with a His6-SUMO tag, GenBank Accession No. NM\_015017.4, a.a. 181-712, MW = 61 kDa.

**Activity:** Activity of this enzyme was confirmed in the Ub-CHOP assay.

**Application:** This enzyme is useful for the study of enzyme kinetics and in *in vitro* applications of deubiquitination studies.

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