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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) 

## Data Sheet

### ELOB/ELOC/VHL Complex

Human, Recombinant

**Catalog #:** 100361

**Lot #:** 190507      **Conc.:** 0.61 mg/ml

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

**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ .  
 Avoid freeze/thaw cycles.

**References:**

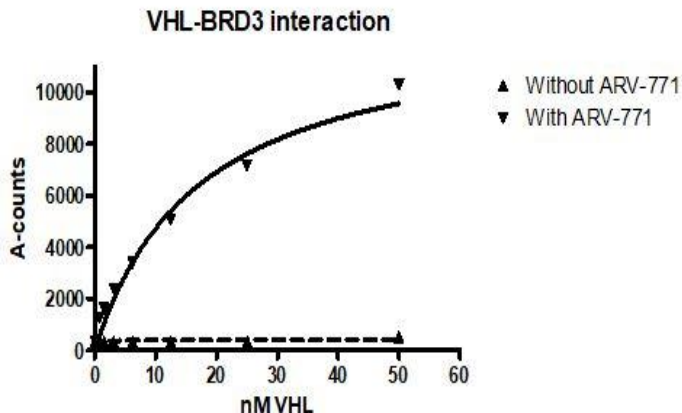
1. Kamura, T., *et al.*, *Science*. 1999;  
**284(5414):** 657-661.
2. Stebbins, C.E., *et al.*, *Science*. 1999;  
**284(5413):** 455-461.

**Description:** ELOB/ELOC/VHL complex of human **ELOB** (GenBank Accession No. NM\_007108), a.a. 2-118 with N-terminal FLAG-tag and MW= 14 kDa; **ELOC** (GenBank Accession No. NM\_005648), a.a. 2-112(end) with N-terminal His-tag and MW= 13; human **VHL** (GenBank Accession No. NM\_000551) a.a. 2-212(end) with N-terminal FLAG-tag and MW= 25 kDa, individually expressed in a HEK293 expression system.

**Assay Conditions:** ARV-771-mediated binding of VHL BPS #100361 to BET bromodomain was assessed using A-screen technology. Various amounts of VHL were incubated in 10- $\mu\text{l}$  reaction with ARV-771 and GST-BRD3(BD2) BPS #31033 at room temperature for one hour. After this, FLAG-acceptor beads and GSH-donor beads were added followed by detection of A-counts.

**Applications:** Useful for the study of protein degradation and PROTAC design, and selectivity profiling.

### Quality Assurance



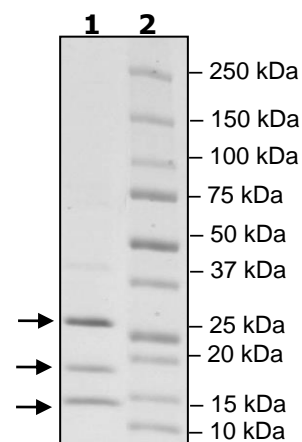
**4-20% SDS-PAGE**  
**Coomassie staining**

**Lane 1:**  
**VHL/ELOB/ELOC**

**Lane 2:**  
 Protein Marker

**Purity:**  $\geq 90\%$

**MW:**  
 VHL: 25 kDa  
 ELOB: 14 kDa (as 18kDa)  
 ELOC: 13 kDa



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