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Zuschläge

- Mindermengenzuschlag
- 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

www.szabo-scandic.com

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

Data Sheet

EZH2 (del153Y) /EED/SUZ12/RbAp48/AEBP2

Human, recombinant
Catalog #: 51027
Lot #: 111213 **Conc.:** 0.20 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 200 mM imidazole, and 20% glycerol

Stability: >6 months at -70°C. Avoid freeze/thaw cycles.

References:

1. Varambally, S. *et al. Science* **322** (5908), 1695-1699 (2008).
2. Rakotobe, D. *et al., Virol. J.* **5**, 32 (2008).

Application Reference:

Morin, R.D., *et al. Nat Genet.* 2010 February; **42**(2): 181-185.

Description:

Mutant version of BPS's regular EZH2 5-member complex (Cat. # 51004), but with a Tyr deletion on a.a. 153 of the EZH2 protein. Complex of human EZH2 (GenBank Accession No. NM_004456), (a.a. 2-end; del153Y) with N-terminal His-tag, MW= 86 kDa, human EED (NM_003797) (a.a. 2-end) with N-terminal FLAG-tag, MW= 51 kDa, human SUZ12 (NM_015355) (a.a. 2-end) with N-terminal His-tag, MW = 87 kDa, Human AEBP2 (NM_153207) (a.a. 2-end) with N-terminal His-tag, MW= 53 kDa, and human RbAp48 (NM_005610) (a.a. 2-end) with N-terminal His-tag, MW = 48 kDa, co-expressed in a baculovirus expression system.

Application:

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

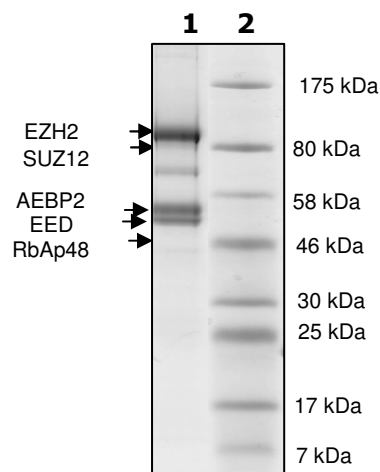
Quality Assurance

4-20% gradient SDS-PAGE
Coomassie staining

Lane 1:
 4 µg enzyme complex

Lane 2:
 Protein Marker

Purity: ≥ 90%



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6044 Cornerstone Court West, Suite E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
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Sequence:

MHHHHHHGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRRRADEVKSMFSSNRQKI
LERTEILNQEWKQRRRIQPVHILTSVSSLRGTTRECSVTSDLDFPTQVIPLKTLNAVASVPI
MYSWSPLQQNFMVEDETVLHNIPYMGDEVLDQDGTFFIEELIKN **■**DGKVHGDRECGFIN
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QCNTKQCPCYLAVRECDPDLCLTCGAADHWDSKNVSKNCSIQRGSKKHLLLAPSD
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RKGNKIRFANHSVNPNCYAKVMMVNGDHRIGIFAKRAIQTGEELFFDYRYSQADALKY
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