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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

EZH2/EED/SUZ12

Human, recombinant

Catalog #: 51003

Lot#: 140410-1 Conc.: 0.57 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% Glycerol.

Stability: >6 months at -80°C

References:

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

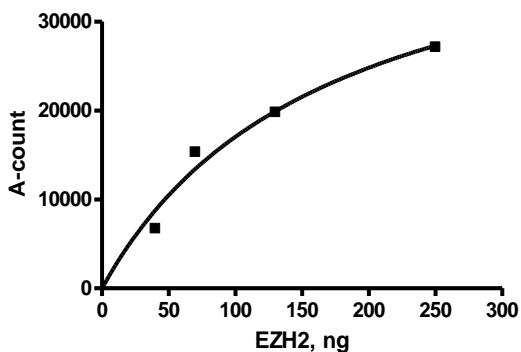
Description: Complex of human EZH2 (GenBank Accession #NM_004456), (a.a. 2-end) with N-terminal His tag, MW= 86 kDa, human EED (GenBank #NM_003797) (a.a. 2-end) with N-terminal Flag tag, MW= 51 kDa, and human SUZ12 (GenBank #NM_015355) (a.a. 2-end) with N-terminal His tag, MW = 87 kDa, co-expressed in baculovirus expression system.

Specific Activity: 0.08 pmole/min/μg
 Assay Conditions: 50 μl reaction mix (20 mM phosphate pH 7.4, 0.05% Tween-20, 40 μM S-adenosylmethionine, and 250-2000 ng enzyme complex) add to the wells coated with the substrate on a Thermo Neutravidin black plate. Incubate for 1 hr. Add antibody against methylated K27 residue of histone H3, incubate 1 hr. Then, add secondary HRP-labeled antibody and incubate 30 min. Finally, add HRP chemiluminescent substrates and read luminescence.

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

Quality Assurance

Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1:
 3.9 μg
 EZH2/EED/SUZ12

Lane 2:
 Protein Marker

MW: EZH2:86 kDa
 SUZ12:87kDa
 EED:51kDa
Purity: ≥82%

