

Recombinant Human EZH1, His-tagged

Cat. No. EZH1-1801H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Insect Cells
Description	Histone-lysine N-methyltransferase EZH1 is an enzyme that in humans is encoded by the EZH1 gene.
Specific Activity	0.3 pmol/min/mg. Assay conditions: 50 µl reaction mix (50 mM TRIS pH8.8, 5 mM MgCl ₂ , 4 mM DTT, 20 µM S-adenosylmethionine, and 0-400 ng enzyme complex) add to the wells coated with the substrate. Incubate for 1 hr. Add antibody against methylated K27 residue of histone H3, incubate 1 hr. Finally, incubate 1h with the Europium-labeled secondary antibody. Time resolved fluorescence measured at $\lambda_{exc}=330$ nm, $\lambda_{em}=620$ nm).
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Formulated In	25 mM Tris-HCl, pH 8.0, 138 mM NaCl, 0.05% Tween-20, 100 µg/ml flag peptide and 10% glycerol.
Stability	>6 months at -80°C.

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