

Active Recombinant Human EZH2 Complex protein, His/Flag-tagged

Cat. No. EZH2-165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EZH2 Complex protein fused with N-terminal His-tag (EZH2, SUZ12), N-terminal FLAG-tag (EED) was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2–end (all components)
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% Glycerol.
Bio-activity	0.08 pmole/min/g
Molecular Mass	224 kDa (complex)
Purity	≥ 82%
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Storage	>6 months at -80 centigrade. Avoid freeze/thaw cycles

GENE INFORMATION

Gene Name	EZH2 enhancer of zeste homolog 2 (Drosophila) [Homo sapiens]
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Official Symbol	EZH2
Synonyms	EZH2; enhancer of zeste homolog 2 (Drosophila); enhancer of zeste (Drosophila) homolog 2; histone-lysine N-methyltransferase EZH2; ENX 1; EZH1; KMT6; KMT6A; lysine N-methyltransferase 6; ENX1; WVS2; ENX-1; MGC9169;
Gene ID	2146
mRNA Refseq	NM_004456
Protein Refseq	NP_004447
MIM	601573
UniProt ID	Q15910
Chromosome Location	7q35-q36
Function	DNA binding; histone methyltransferase activity; histone-lysine N-methyltransferase activity; methyltransferase activity; protein binding; transferase activity;