

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

Cat. No. EZH2-161H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human EZH2 Complex protein fused with N-terminal His-tag (SUZ12, EZH2, RbAP48), N-terminal FLAG-tag (EED) was co-expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	2–end (all components)
<b>Form</b>	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, and 10% glycerol
<b>Bio-activity</b>	0.046 pmol/min/Åg
<b>Molecular Mass</b>	272 kDa (complex)
<b>Purity</b>	>95%
<b>Applications</b>	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
<b>Storage</b>	>6 months at -80 centigrade. Avoid freeze/thaw cycles
<b>Concentration</b>	0.6 mg/ml

## GENE INFORMATION

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<b>Gene Name</b>	EZH2 enhancer of zeste homolog 2 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	EZH2
<b>Synonyms</b>	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;
<b>Gene ID</b>	2146
<b>mRNA Refseq</b>	NM_004456
<b>Protein Refseq</b>	NP_004447
<b>MIM</b>	601573
<b>UniProt ID</b>	Q15910
<b>Chromosome Location</b>	7q35-q36
<b>Function</b>	DNA binding; histone methyltransferase activity; histone-lysine N-methyltransferase activity; methyltransferase activity; protein binding; transferase activity;

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