

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

Cat. No. EZH2-172H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Mutant version of EZH2 5-member complex, but with a Ala-to-Thr mutation on a.a. 682 of the EZH2 protein. Complex of human EZH2 (GenBank Accession No. NM\_004456), (a.a. 2-end; A682T) 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 baculovirus expression system.

**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, 200 mM imidazole, and 20% glycerol.

**Molecular Mass** 325 kDa (complex)

**Purity** ≥ 90%

**Applications** Useful for Western blot analysis and to investigate protein-protein interactions in the EZH2 complex.

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<b>Storage</b>	>6 months at -80 centigrade. Avoid freeze/thaw cycles
<b>Concentration</b>	0.57 mg/ml
<b>GENE INFORMATION</b>	
<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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