

Recombinant Human EZH2 Complex protein, His/Flag-tagged

Cat. No. EZH2-179H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EZH2 Complex protein fused with N-terminal His-tag (EZH2), N-terminal FLAG-tag (EED) was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-end (EZH2 and EED)
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 3 mM DTT, 200 mM imidazole, and 20% glycerol.
Molecular Mass	138 kDa (complex)
Purity	≥ 85%
Applications	Useful for Western blot analysis and to investigate protein-protein interactions in the EZH2 complex. Requires SUZ12 protein for methyltransferase activity.
Storage	>6 months at -80 centigrade. Avoid freeze/thaw cycles
Concentration	0.26 mg/ml

GENE INFORMATION

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Gene Name	EZH2 enhancer of zeste homolog 2 (Drosophila) [Homo sapiens]
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;

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