

Recombinant Human EZH2 Complex protein, His/GST-tagged

Cat. No. EZH2-177H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EZH2 Complex protein fused with N-terminal His-GST-tags (EZH2), N-terminal His-tag (SUZ12, RbAP48) was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2–end (EZH2, RbAp48), 1–end (SUZ12)
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 16 mM glutathione, 3mM DTT, and 20% glycerol.
Molecular Mass	249 kDa (complex)
Purity	≥ 80%
Applications	Useful for Western blot analysis and to investigate protein-protein interactions in the EZH2 complex. Requires EED protein for methyltransferase activity.
Storage	>6 months at -80 centigrade. Avoid freeze/thaw cycles
Concentration	0.51 mg/ml

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;