

Recombinant Human EZH2 Complex protein, His/GST-tagged

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

SPECIFICATION

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| 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

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



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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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