

## 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;                                                       |