

## Recombinant Human EZH2, His-GST-tagged

**Cat. No.** EZH2-998H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EZH2(amino acids 2-end), fused with N-terminal His-GST tag, was expressed in a Sf9 baculovirus expression system.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	2-end a.a.
<b>Description</b>	This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.
<b>Form</b>	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 3 mM DTT, 16 mM glutathione and 20% Glycerol.
<b>Molecular Mass</b>	114 kDa
<b>Purity</b>	Purity>65%
<b>Applications</b>	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

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**Storage** >6 months at –80°C

## GENE INFORMATION

**Gene Name** EZH2 enhancer of zeste 2 polycomb repressive complex 2 subunit [ Homo sapiens (human) ]

**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

**Gene ID** 2146

**mRNA Refseq** NM\_004456

**Protein Refseq** NP\_004447

**MIM** 601573

**UniProt ID** Q15910

**Chromosome Location** 7q35-q36

**Pathway** Cellular Senescence; Epigenetic regulation of gene expression; MicroRNAs in cancer

**Function** RNA binding; histone methyltransferase activity; histone methyltransferase activity (H3-K27 specific)

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