

Recombinant Mouse Ezh1 Protein, MYC/DDK-tagged

Cat. No. Ezh1-990M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse enhancer of zeste 1 polycomb repressive complex 2 subunit (Ezh1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the Polycomb-group (PcG) family. The encoded protein is interchangeable with the related Enhancer of zeste 2 (Ezh2) protein as a core component of the polycomb repressive complex 2 (PRC2), which methylates histone H3 at lysine 27 and results in the transcriptional repression of affected target genes. This complex is involved in carrying out cell-fate decisions during embryonic stem cell differentiation.
Molecular Mass	85.6 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ezh1 enhancer of zeste 1 polycomb repressive complex 2 subunit [Mus musculus (house mouse)]
Official Symbol	Ezh1
Synonyms	Ezh1; enhancer of zeste 1 polycomb repressive complex 2 subunit; ENX-2; histone-lysine N-methyltransferase EZH1; enhancer of zeste homolog 1; EC 2.1.1.356
Gene ID	14055
mRNA Refseq	NM_007970
Protein Refseq	NP_031996
UniProt ID	P70351

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