Recombinant Human EZH1, His-tagged

Cat. No. EZH1-12612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EZH1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	161-267a.a.
Description	EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]).
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	EZH1 enhancer of zeste homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	EZH1

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Synonyms	EZH1; enhancer of zeste homolog 1 (Drosophila); enhancer of zeste (Drosophila) homolog 1; histone-lysine N-methyltransferase EZH1; KIAA0388; KMT6B; ENX-2;
Gene ID	2145
mRNA Refseq	NM_001991
Protein Refseq	NP_001982
MIM	601674
UniProt ID	Q92800
Chromosome Location	17q21.1-q21.3
Function	DNA binding; chromatin binding; histone methyltransferase activity (H3-K27 specific); methyltransferase activity; transferase activity;

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