

## Human EZH2 Knockdown Cell Lysate

Cat. No. EZH2-162HKCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	WB-validated EZH2 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>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.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	85 kDa
<b>Notes</b>	<p>Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.</p>
<b>Storage</b>	Store at -20 centigrade for two years.

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<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg EZH2 KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Transcription Factors
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	EZH2 enhancer of zeste homolog 2 (Drosophila) [ Homo sapiens (human) ]
<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_001203247
<b>Protein Refseq</b>	NP_001190176
<b>MIM</b>	601573
<b>UniProt ID</b>	Q15910

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