Human EZH2 Knockdown Cell Lysate

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

SPECIFICATION

Product Overview	WB-validated EZH2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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 splcied transcript variants encoding distinct isoforms have been identified for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	85 kDa
Notes	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.
Storage	Store at -20 centigrade for two years.

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

GENE INFORMATION

Gene Name	EZH2 enhancer of zeste homolog 2 (Drosophila) [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; lysine N-methyltransferase 6; ENX1; WVS2; ENX-1; MGC9169;
Gene ID	2146
mRNA Refseq	NM_001203247
Protein Refseq	NP_001190176
MIM	601573
UniProt ID	Q15910

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