

## Recombinant Human KMT2E cell lysate

Cat. No. KMT2E-1116HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	This gene is a member of the myeloid/lymphoid or mixed-lineage leukemia (MLL) family and encodes a protein with an N-terminal PHD zinc finger and a central SET domain. Overexpression of the protein inhibits cell cycle progression. Alternate transcriptional splice variants have been characterized.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	KMT2E?lysine (K)-specific methyltransferase 2E [?Homo sapiens(human) ]
<b>Official Symbol</b>	KMT2E
<b>Synonyms</b>	KMT2E; lysine (K)-specific methyltransferase 2E; MLL5; NKp44L; HDCMC04P; histone-lysine N-methyltransferase 2E; histone-lysine N-methyltransferase MLL5; myeloid/lymphoid or mixed-lineage leukemia protein 5; myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila); NP_061152.3; EC 2.1.1.43; NP_891847.1

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<b>Gene ID</b>	55904
<b>mRNA Refseq</b>	NM_018682
<b>Protein Refseq</b>	NP_061152
<b>MIM</b>	608444
<b>UniProt ID</b>	Q8IZD2
<b>Chromosome Location</b>	7q22.1
<b>Pathway</b>	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem
<b>Function</b>	enzyme binding; histone methyltransferase activity (H3-K4 specific); transcription coactivator activity

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