

Recombinant Human KMT2E cell lysate

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

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KMT2E[lysine (K)-specific methyltransferase 2E [?Homo sapiens(human)]
Official Symbol	KMT2E
Synonyms	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;

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	NP_891847.1
Gene ID	55904
mRNA Refseq	NM_018682
Protein Refseq	NP_061152
MIM	608444
UniProt ID	Q8IZD2
Chromosome Location	7q22.1
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem
Function	enzyme binding; histone methyltransferase activity (H3-K4 specific); transcription coactivator activity

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