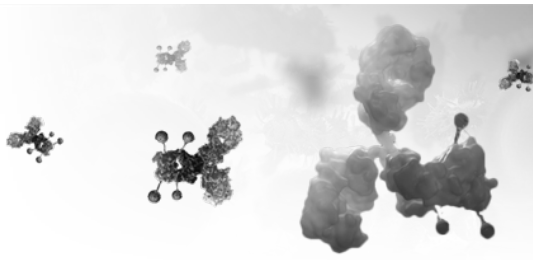

Human KMT2C peptide (DAG-P0763)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the myeloid/lymphoid or mixed-lineage leukemia (MLL) family and encodes a nuclear protein with an AT hook DNA-binding domain, a DHHC-type zinc finger, six PHD-type zinc fingers, a SET domain, a post-SET domain and a RING-type zinc finger. This protein is a member of the ASC-2/NCOA6 complex (ASCOM), which possesses histone methylation activity and is involved in transcriptional coactivation. [provided by RefSeq, Jul 2008]
Specificity	Highly expressed in testis and ovary, followed by brain and liver. Also expressed in placenta, peripherical blood, fetal thymus, heart, lung and kidney. Within brain, expression was highest in hippocampus, caudate nucleus, and substantia nigra. Not detect
Conjugate	Unconjugated
Sequence Similarities	Belongs to the histone-lysine methyltransferase family. TRX/MLL subfamily.Contains 1 A.T hook DNA-binding domain.Contains 1 DHHC-type zinc finger.Contains 6 PHD-type zinc fingers.Contains 1 post-SET domain.Contains 1 RING-type zinc finger.Contains 1 SET d
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	KMT2C lysine (K)-specific methyltransferase 2C [Homo sapiens (human)]
Official Symbol	KMT2C
Synonyms	KMT2C; lysine (K)-specific methyltransferase 2C; HALR; MLL3; histone-lysine N-

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	methyltransferase 2C; ALR-like protein; homologous to ALR protein; histone-lysine N-methyltransferase MLL3; myeloid/lymphoid or mixed-lineage leukemia protein 3; histone-lysine N-methyltransferase, H3 lysine-4 specific;
Entrez Gene ID	58508
mRNA Refseq	NM_170606.2
Protein Refseq	NP_733751.2
UniProt ID	Q8NEZ4
Chromosome Location	7q36.1
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
Function	DNA binding; histone methyltransferase activity (H3-K4 specific); poly(A) RNA binding; protein binding; zinc ion binding;

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