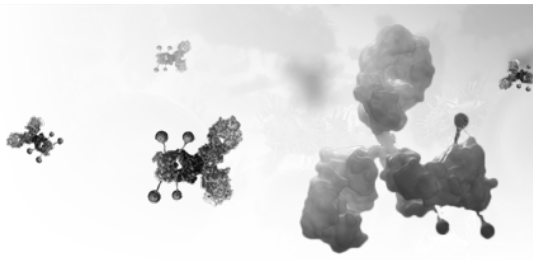

Human KDM1B peptide (DAG-P0733)

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

PRODUCT INFORMATION

Antigen Description	Flavin-dependent histone demethylases, such as KDM1B, regulate histone lysine methylation, an epigenetic mark that regulates gene expression and chromatin function (Karytinos et al., 2009 [PubMed 19407342]).[supplied by OMIM, Oct 2009]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the flavin monoamine oxidase family.Contains 1 CW-type zinc finger.Contains 1 SWIRM domain.
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	KDM1B lysine (K)-specific demethylase 1B [Homo sapiens (human)]
Official Symbol	KDM1B
Synonyms	KDM1B; lysine (K)-specific demethylase 1B; AOF1; LSD2; C6orf193; bA204B7.3; dJ298J15.2; lysine-specific histone demethylase 1B; amine oxidase, flavin containing 1; lysine-specific histone demethylase 2; amine oxidase (flavin containing) domain 1; flavin-containing amine oxidase domain-containing protein 1;
Entrez Gene ID	221656
mRNA Refseq	NM_153042.3

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Protein Refseq	NP_694587.3
UniProt ID	Q8NB78
Chromosome Location	6p22.3
Function	DNA binding; flavin adenine dinucleotide binding; histone demethylase activity (H3-dimethyl-K4 specific); histone demethylase activity (H3-monomethyl-K4 specific); oxidoreductase activity; zinc ion binding;

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