



Human KDM3B peptide (DAG-P0721)

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

PRODUCT INFORMATION

Antigen Description	Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May have tumor suppressor activity.
Specificity	Ubiquitous. Highly expressed in placenta, skeletal muscle, kidney, heart and liver.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the JHDM2 histone demethylase family. Contains 1 JmjC 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	KDM3B lysine (K)-specific demethylase 3B [Homo sapiens (human)]
Official Symbol	KDM3B
Synonyms	KDM3B; lysine (K)-specific demethylase 3B; 5qNCA; NET22; C5orf7; JMJD1B; lysine-specific demethylase 3B; nuclear protein 5qNCA; jumonji domain containing 1B; jumonji domain-containing protein 1B; jmjC domain-containing histone demethylation protein 2B;
Entrez Gene ID	51780
mRNA Refseq	NM_016604.3
Protein Refseq	NP_057688.2

UniProt ID	Q7LBC6
Chromosome Location	5q31
Function	dioxygenase activity; metal ion binding;