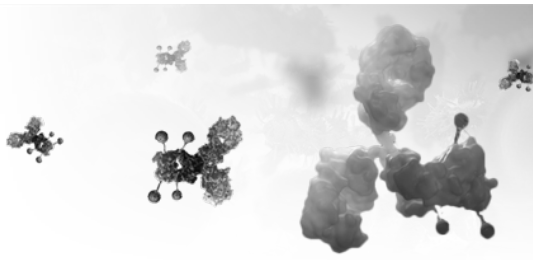

Human KDM1A blocking peptide (DAG-P0678)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Specificity	Ubiquitously expressed.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the flavin monoamine oxidase family.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	KDM1A lysine (K)-specific demethylase 1A [Homo sapiens (human)]
Official Symbol	KDM1A
Synonyms	KDM1A; lysine (K)-specific demethylase 1A; AOF2; KDM1; LSD1; BHC110; lysine-specific histone demethylase 1A; lysine (K)-specific demethylase 1; BRAF35-HDAC complex protein BHC110; lysine-specific histone demethylase 1; amine oxidase (flavin containing) domain 2; FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit; flavin-containing amine oxidase domain-containing protein 2;

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Entrez Gene ID	23028
mRNA Refseq	NM_001009999.2
Protein Refseq	NP_001009999.1
UniProt ID	O60341
Chromosome Location	1p36.12
Pathway	Androgen receptor signaling pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem;
Function	MRF binding; RNA polymerase II transcription factor binding; androgen receptor binding; chromatin binding; demethylase activity; enzyme binding; flavin adenine dinucleotide binding; histone demethylase activity; histone demethylase activity (H3-K4 specifi

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