



Human KDM6A peptide (DAG-P0592)

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

PRODUCT INFORMATION

Antigen Description	This gene is located on the X chromosome and is the corresponding locus to a Y-linked gene which encodes a tetratricopeptide repeat (TPR) protein. The encoded protein of this gene contains a JmjC-domain and catalyzes the demethylation of tri/dimethylated histone H3. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Apr 2014]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the UTX family.Contains 1 JmjC domain.Contains 8 TPR repeats.
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	KDM6A lysine (K)-specific demethylase 6A [Homo sapiens (human)]
Official Symbol	KDM6A
Synonyms	KDM6A; lysine (K)-specific demethylase 6A; UTX; KABUK2; bA386N14.2; lysine-specific demethylase 6A; histone demethylase UTX; ubiquitously-transcribed TPR gene on the X chromosome; ubiquitously-transcribed TPR protein on the X chromosome; ubiquitously transcribed tetratricopeptide repeat protein X-linked; bA386N14.2 (ubiquitously transcribed X chromosome tetratricopeptide repeat protein (UTX));
Entrez Gene ID	7403

mRNA Refseq	NM_001291415.1
Protein Refseq	NP_001278344.1
UniProt ID	O15550
Chromosome Location	Xp11.2
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; dioxygenase activity; histone demethylase activity (H3-K27 specific); metal ion binding;