



KDM1B blocking peptide (CDBP5638)

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 (Karytinis et al., 2009 [PubMed 19407342]).[supplied by OMIM, Oct 2009]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

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

Protein Refseq	NP_694587
UniProt ID	Q8NB78
Pathway	Chromatin modifying enzymes; Chromatin organization; HDMs demethylate histones
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