



JMJD6 blocking peptide (CDBP5620)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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	JMJD6 jumonji domain containing 6 [Homo sapiens (human)]
Official Symbol	JMJD6
Synonyms	JMJD6; jumonji domain containing 6; PSR; PTDSR; PTDSR1; bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; lysyl-hydroxylase JMJD6; phosphatidylserine receptor; jmjC domain-containing protein 6; histone arginine demethylase JMJD6; peptide-

lysine 5-dioxygenase JMJD6; jumonji domain-containing protein 6

Entrez Gene ID	23210
mRNA Refseq	NM_001081461
Protein Refseq	NP_001074930
UniProt ID	Q6NYC1
Function	RNA binding; histone demethylase activity (H3-R2 specific); histone demethylase activity (H4-R3 specific); identical protein binding; identical protein binding; iron ion binding; peptidyl-lysine 5-dioxygenase activity; protein binding; receptor activity; single-stranded RNA binding