



Human JMJD6 blocking peptide (DAG-P1660)

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]
Specificity	Highly expressed in the heart, skeletal muscle and kidney. Expressed at moderate or low level in brain, placenta, lung, liver, pancreas, spleen, thymus, prostate, testis and ovary. Up-regulated in many patients with chronic pancreatitis. Expressed in nurs
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the JMJD6 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 [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_001081461.1
Protein Refseq	NP_001074930.1
UniProt ID	Q6NYC1
Chromosome Location	17q25
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;