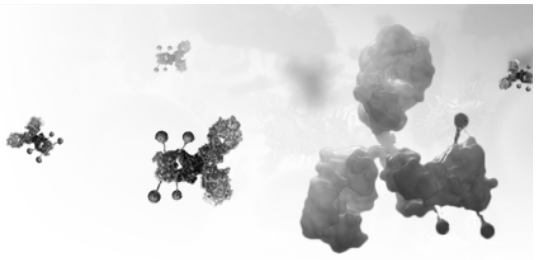

Human PRDM16 peptide (DAG-P0980)

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

PRODUCT INFORMATION

Antigen Description	The reciprocal translocation t(1;3)(p36;q21) occurs in a subset of myelodysplastic syndrome (MDS) and acute myeloid leukemia (AML). This gene is located near the 1p36.3 breakpoint and has been shown to be specifically expressed in the t(1:3)(p36,q21)-positive MDS/AML. The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal PR domain. The translocation results in the overexpression of a truncated version of this protein that lacks the PR domain, which may play an important role in the pathogenesis of MDS and AML. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Specificity	Expressed in uterus and kidney.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 10 C2H2-type zinc fingers.Contains 1 SET 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	PRDM16 PR domain containing 16 [Homo sapiens (human)]
Official Symbol	PRDM16
Synonyms	PRDM16; PR domain containing 16; MEL1; LVNC8; PFM13; CMD1LL; PR domain zinc finger

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	protein 16; MDS1/EVI1-like gene 1; transcription factor MEL1;
Entrez Gene ID	63976
mRNA Refseq	NM_022114.3
Protein Refseq	NP_071397.3
UniProt ID	Q9HAZ2
Chromosome Location	1p36.23-p33
Function	SMAD binding; metal ion binding; protein binding; sequence-specific DNA binding; transcription coactivator activity;

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